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500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS FOR RDT&E, FY-84. (U)  
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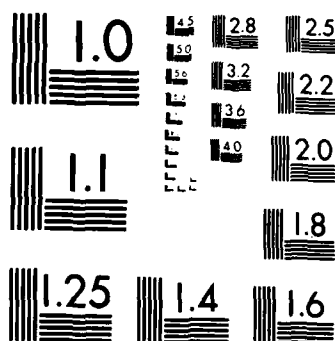
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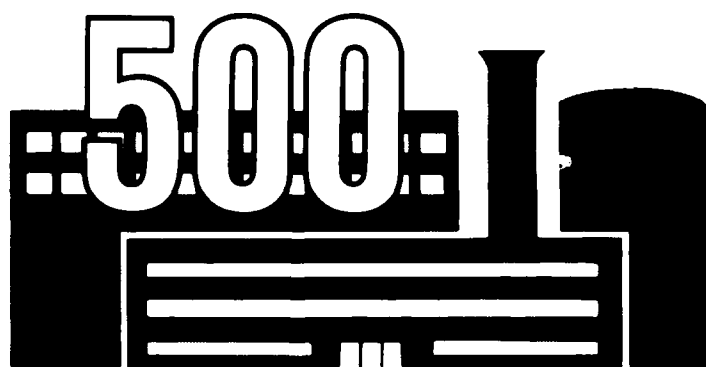


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**500 CONTRACTORS**  
**RECEIVING THE LARGEST DOLLAR VOLUME**  
**OF PRIME CONTRACT AWARDS**  
**FOR RDT&E**  
Fiscal Year 1984



**500 CONTRACTORS RECEIVING  
THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS  
FOR RESEARCH, DEVELOPMENT,  
TEST, AND EVALUATION**

**Fiscal Year 1984**

Department of Defense  
Washington Headquarters Services  
Directorate for Information  
Operations and Reports

## FOREWORD

*500 Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for Research, Development, Test and Evaluation (RDT&E)* is published annually. This report provides information on the 500 contractors that received the largest dollar volume in Department of Defense (DOD) prime contract awards over \$25,000 for RDT&E. These data are presented in five tables showing:

1. An alphabetical listing of the top 500 companies, with rank;
2. The ranking of and net value of awards to business firms operating in the United States;
3. The ranking of and net value of awards to educational and other nonprofit institutions operating in the United States;
4. The ranking of and net value of awards to foreign contractors; and
5. The ranking of and net value of awards to U.S. Government agencies.

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## INTRODUCTION

This report presents summary data on the 500 prime contractors receiving the largest dollar volume in Department of Defense (DOD) awards over \$25,000 for research, development, test, and evaluation (RDT&E) work during Fiscal Year (FY) 1984. RDT&E work can include research, exploratory development, advanced development, engineering development, operational systems development, or management and support services. (Full definitions for each of these categories are provided in DFARS 35.001.

Table 1 (page 5) lists the 500 contractors in alphabetical order, shows the ranking for each, and shows how each has been categorized for reporting purposes. The categories are business firm (B), foreign contractor (F), and nonprofit institution (N). Table 2 (page 11) shows the net value of awards to business firms operating in the United States, by rank. Those firms which qualify as small businesses are further identified by an "S". The net value of awards to each of the firm's individual locations is also provided. Tables 3, 4, and 5 (pages 25, 29, and 31, respectively) provide the net value of awards to educational and other nonprofit institutions operating in the United States, foreign contractors, and U.S. government agencies, respectively. (While awards to U.S. government agencies are listed separately in Table 5, these agencies are categorized as nonprofit institutions in Table 1.) As in Table 2, contractors in Tables 3 through 5 are shown by rank, along with the net value of awards to each of the contractor's individual locations.

## NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only. Data on awards for other services, such as training, and on any supplies furnished by the contractors in support of research being done are excluded. Contract awards for civil functions have been included in these data. Civil functions encompass planning, programming, designing, constructing, and operating Federal water resource projects for navigation, flood control, hydroelectric power production, water supply, and other related activities.

The locations shown in the tables are the places where the work was to be performed. Normally, this is a facility of the concern awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown is that of the Defense facility rather than the contractor.

DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE DUN & BRADSTREET CORPORATION'S DATA UNIVERSAL NUMBERING SYSTEM AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.

## HIGHLIGHTS

The following table shows the net value and percent distribution of all RDT&E awards, RDT&E awards to the top 500 companies, and all other RDT&E awards for FY 1984.



**Department of Defense Prime Contract Awards Over \$25,000**  
**Table II (Top 500 & ED/Nonprofit Pubs.)**  
**Fiscal Year 1984**

TYPE OF CONTRACTOR	TOTAL RDT&E			TOP 500 RDT&E			ALL OTHER RDT&E		
	NUMBER	AWARDS (\$000)	% OF TOTAL	NUMBER	AWARDS (\$000)	% OF TOTAL	NUMBER	AWARDS (\$000)	% OF TOTAL
RDT&E - TOTAL	2,033	18,277,017	100	500	17,958,376	100	1,533	318,641	100
BUSINESS FIRMS	1,630	16,109,626	88	382	15,852,587	88	1,248	257,039	81
Small	1,196	845,147	5	192	646,448	4	1,004	198,699	62
Large	434	15,264,479	84	190	15,206,139	85	244	58,340	18
EDUCATIONAL & NONPROFIT	318	2,117,095	12	112	2,065,049	11	206	52,046	16
Educational	240	1,069,364	6	86	1,026,061	6	154	43,303	14
Other Nonprofit	78	1,047,731	6	26	1,038,988	6	52	8,743	3
U.S. GOVERNMENT AGENCIES	9	20,549	*	4	19,082	*	5	1,467	*
FOREIGN	76	29,747	*	2	21,658	*	74	8,089	3

The distribution of FY 1984 awards varies only slightly from that in FY 1983. In FY 1984, the top 500 contractors included 382 U.S. business firms (192 of which were small businesses); 112 educational and nonprofit institutions; 2 foreign contractors; and 4 U.S. government agencies.

In FY 1983 the top 500 consisted of 382 business firms (175 were small businesses); 110 educational and nonprofit institutions; 5 foreign contractors; and 3 U.S. government agencies.

In addition to the top 500 contractors, there were 1,533 other contractors for whom RDT&E procurement actions over \$25,000 were reported, for a total of 2,033 contractors for FY 1984. In FY 1983, the total number of contractors was 1,901. The top 500 RDT&E contractors received awards totaling \$17,958 million in FY 1984, compared to \$16,014 million in FY 1983, an increase of \$1,944 million or 12.1 percent. The \$17,958 million represents 98.3 percent of the \$18,277 million total prime contract awards over \$25,000 for RDT&E work in FY 1984.

Of the 36 contractors with RDT&E awards of \$100 million or more in FY 1984, 31 were business firms and 5 were educational and other nonprofit institutions. These 36 contractors had a total of \$13,965 million in RDT&E awards. In FY 1983, there were 32 contractors who reached the \$100 million plateau, with awards totaling \$11,370 million. Of these 32 contractors, 28 were business firms and 4 were educational and other nonprofit institutions. The amount of awards for this \$100 million group increased by \$2,595 million or 22.8 percent between FY 1983 and 1984.

The following table shows the type of RDT&E work the contractors were engaged in and the net value and percent distribution of all awards for each of these types in FY 1984. Engineering development accounted for the majority (55.6 percent) of RDT&E awards, followed by operational systems (16.0 percent).

TYPE	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	<u>\$18,277,017</u>	<u>100.0</u>
Engineering Development	10,154,318	55.6
Operational Systems	2,918,943	16.0
Advanced Development	2,542,299	13.9
Exploratory Development	1,245,750	6.8
Research	956,558	5.2
Management and Support	459,149	2.5

The following table shows the net value and percent distribution of all RDT&E awards by type of program. Within the RDT&E contracts, the largest volume of awards was for the research, development, test, or evaluation of missile & space systems and electronics & communications equipment. In FY 1984, a combined total of \$11.940 million or 65.3 percent of all RDT&E awards over \$25,000 was for work connected with these programs.

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	<u>\$18,277,017</u>	<u>100.0</u>
Missile & Space Systems	7,295,659	39.9
Electronics & Communication Equipment	4,643,988	25.4
Aircraft	2,315,927	12.7
Services	2,087,834	11.4
Ships	662,247	3.6
Weapons	564,164	3.1
Ammunition	297,224	1.6
Tank-Automotive	136,544	.7
All Other	273,430	1.5

Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors  
for Research, Development, Test, and Evaluation Work: FY 1984

RANK LIST	+	CONTRACTOR	RANK LIST	+	CONTRACTOR
66	B	A A I CORPORATION	202	B	ASSURANCE TECHNOLOGY CORP
50	B	A T & T TECHNOLOGIES INC	306	B	ATLANTIC ANALYSIS CORPORATION
147	B	ACUREX CORPORATION	87	B	ATLANTIC RESEARCH CORPORATION
454	B	ADAPTIVE OPTICS ASSOCIATES INC	468	N	AUBURN UNIVERSITY
497	B	ADAPTIVE SENSORS INC	276	S	AUTOMATED SCIENTIFIC GROUP INC
349	B	ADVANCED DIGITAL SYSTEM INC	53	B	AUTOMOTIVE INDUSTRIES INC
295	B	ADVANCED INF DECSN SYS INC	443	B	AUTOMETRIC INC
316	B	ADVANCED RES/APLTNS CP	30	B	AVCO CORPORATION
176	B	ADVANCED TECHNOLOGY INC	148	B	AVCO EVERETT RESEARCH LAB
419	B	AERODYNE RESEARCH INC	469	B	B-K DYNAMICS INC
368	B	AEROJET ORDINANCE COMPANY	116	B	BALL CORPORATION
24	B	AEROJET STRATEGIC PROPULSION	85	N	BATTELLE MEMORIAL INSTITUTE
404	B	AEROJET TECHSYSTEMS	385	N	BATTELLE-COLUMBUS LABORATORS
98	B	AEROJET-GENERAL CORPORATION	46	B	BDM CORPORATION THE
487	B	AEROMET INC	196	B	BDM INTERNATIONAL INC
15	N	AEROSPACE CORPORATION THE	274	B	BECHTEL NATIONAL INC
493	B	AGBABIAN ASSOCIATES	439	B	BEDFORD RESEARCH ASSOCIATES
480	N	AGGURON INSTITUTE	181	B	BEECH ACCEPT CORP INC
330	B	ALL-BAND ENTERPRISES INC	391	B	BELL AEROSPACE TEXTRON
310	B	ALLEN CORP OF AMER INC	39	B	BELL HELICOPTER TEXTRON
478	B	ALPHA INDUSTRIES INC	42	B	BELL-BOEING JV
446	B	ALPHATECH INC	69	B	BENDIX CORPORATION THE
271	B	ALTUS CORPORATION	141	B	BENDIX FIELD ENGINEERING CORP
423	B	AMERICAN ELECTRONIC LABS	427	B	BERKELEY RESEARCH ASSOC
456	N	AMERICAN SOC FO ENGRG EDUCATN	348	B	BETAC CORPORATION
174	B	AMERICAN TELEPHONE & TELG CO	1	B	BOEING COMPANY INC THE
455	N	AMERICAN UNIVERSITY	76	B	BOLT BERANEK AND NEWMAN INC
100	B	AMEX SYSTEMS INC	96	B	BOOZ ALLEN & HAMILTON INC
390	B	AMPEX CORPORATION	329	N	BOSTON COLLEGE TRUSTEES OF
272	B	ANALYSIS & COMPUTER SYS	226	N	BOSTON UNIVERSITY TRUSTEES
307	B	ANALYSIS & TECHNOLOGY INC	309	N	BROWN UNIV REV ST RI PLAN
359	B	ANALYTIC DECISION INCORPORA	186	B	BRUNSWICK CORPORATION
107	N	ANALYTIC SERVICES INC	145	B	BUNKER RAMOVELTRA CORP AN ALLD
458	B	ANALYTICAL ASSESSMENTS CORP	125	B	BURROUGHS CORPORATION
230	B	ANALYTICAL SYS ENGRNG CORP	410	B	C A I DIV OF RECON OPTICAL
138	B	ANALYTICS INCORPORATED	381	B	C N R INC
210	B	ANALYTIC ELECTRONIC SYSTEMS	285	B	CACI INC FEDERAL
496	B	ANAMET LABS INC	259	B	CALCULON U S CORPORATION
495	B	ANDRULIC RESEARCH CORP	187	N	CALIFORNIA INST
317	B	APPLICATION RESEARCH CORP	170	B	CALIFORNIA RES & TECHNOLOGY
405	B	APPLIED RESEARCH ASSOC INC	47	B	CALSPAN CORPORATION
242	B	APPLIED RESEARCH INC	88	F	CANADIAN COMMERCIAL CORPORATN
453	B	APPLIED TECHNOLOGY ASSOCI	438	B	CANYON RESEARCH INC
289	B	AQUA-CHEM INC	132	N	CARNEGIE MELLON UNIVERSITY
184	B	ARES INC	290	N	CASE WSTRN RESRV UNVRSTY
346	B	ARETE ASSOCIATES	255	B	CHAMBERLAIN MANUFACTURING CORP
292	B	ARGOSYSTEMS	97	B	CHRYSLER CORPORATION
321	B	ARINC RESEARCH CORPORATION	341	B	CINCINNATI ELEC CORP
475	N	ARIZONA STATE UNIV	372	B	CLASSIFIED
379	N	ARMOUR PHARMACEUTICAL COMPANY	472	N	COLORADO SCHOOL OF MINES

B = BUSINESS FIRM  
 F = FOREIGN CONTRACTOR  
 N = NON PROFIT INSTITUTION

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors  
for Research, Development, Test, and Evaluation Work; FY 1984  
(Continued)**

RANK + LIST *	CONTRACTOR	RANK + LIST *	CONTRACTOR
466 N	COLORADO SEMINARY	80 B	ELECTROSPACE SYSTEMS INC
375 N	COLORADO STATE UNIVERSITY	68 B	EMERSON ELECTRIC CO
193 B	COLSA INC	377 N	EMMANUEL COLLEGE
165 N	COLUMBIA UNIVERSITY	406 B	ENERGY RESEARCH CORPORATION
437 B	COMCON INC	246 B	ENGINEERING & ECONOMICS RLS
254 B	COMMAND CNTRL & COMM CORP	264 B	ENSCO INC
151 B	COMPTek RESEARCH INC	134 N	ENVIRONMENTAL RES INST MICH
267 B	COMPUTER CORP AMER	41 B	ESL INC
331 B	COMPUTER SCIENCE APPL INC	43 B	FAIRCHILD INDUSTRIES INC
55 B	COMPUTER SCIENCES CORPORATION	175 B	FAIRCHILD WESTON SYSTEMS INC
426 B	COMPUTER SYSTEMS MANAGEMENT	340 B	FIBER MATERIALS INC
357 B	CONTEL INFORMATION SYSTEMS INC	207 B	FIGGIE INTERNATIONAL INC
86 B	CONTROL DATA CORPORATION	421 B	FIRST ANN ARBOR CORPORATION
302 B	CONTROL DYNAMICS COMPANY	409 B	FLIGHT SYSTEMS INC
180 N	CORNELL UNIVERSITY	378 N	FLORIDA STATE UNIVERSITY
396 B	CORVUS SYSTEMS INC	169 B	FLOW GENERAL INC
110 B	CUBIC CORPORATION	414 B	FLOW INDUSTRIES INC
140 B	CUMMINS ENGINE COMPANY INC	84 B	FMC CORPORATION
463 B	C3CM TEST ENGR CONSORTIUM	27 B	FORD AEROSPACE & COMMUNCTNS
400 B	D B A SYSTEMS INC	120 B	FORD MOTOR COMPANY
479 B	DAYRON CORPORATION	299 B	FOSTER-MILLER INC
389 B	DECISIONS AND DESIGNS INC	435 B	FRIED D L ASSOCIATES INC
251 B	DEFENSE SYSTEMS INC	192 B	G A TECHNOLOGIES INC
158 B	DEL REY SYSTEMS INC	398 B	G T E LABORATORIES INC
481 B	DELEX SYSTEMS INC	29 B	G T E SERVICE CORPORATION
339 B	DELTA RESEARCH INC	484 B	GARD INC
199 B	DIGITAL EQUIPMENT CORPORATION	48 B	GARRETT CORPORATION THE
275 B	DIVERSIFIED DATA CORPORATIO	195 B	GENERAL ATOMIC
220 B	DONALDSON COMPANY INC	6 B	GENERAL DYNAMICS CORPORATION
172 B	DOW CHEMICAL COMPANY THE	4 B	GENERAL ELECTRIC COMPANY
17 N	DRAPER CHARLES STARK LAB	106 B	GENERAL MOTORS CORPORATION
483 N	DREXEL UNIVERSITY INC	407 B	GENERAL OFFSHORE CORPORATION
388 N	DUKE UNIVERSITY	124 B	GENERAL RESEARCH CORPORATION
122 B	DYNAELECTRON CORPORATION	183 B	GENTEX CORPORATION
173 B	DYNAMAC INTERNATIONAL	231 B	GEO-CENTERS INC
188 B	DYNAMICS RESEARCH CORPORATION	225 B	GEODYNAMICS CORP
319 B	DYNAMICS TECHNOLOGY	287 N	GEORGE WASHINGTON UNVRSTY THE
161 B	DYNETICS INC	347 N	GEORGETOWN UNIVERSITY
433 B	E C CORPORATION THE	362 N	GEORGIA INSTITUTE TECHNOLOGY
452 B	E I C LABORATORY INC	78 N	GEORGIA TECH RESEARCH CORP
286 B	E-BEAM DATA SYSTEMS INC	190 B	GILBERT ASSOCIATES INC
111 B	E-SYSTEMS INC	60 B	GLOBAL ASSOC A JOINT VENTURE
273 B	EAGLE TECHNOLOGY INC	82 B	GOODYEAR AEROSPACE CORPORATION
261 B	EARTH TECHNOLOGY CORPORATION	168 B	GOULD INC
45 B	EATON CORPORATION	22 B	GRUMMAN AEROSPACE CORPORATION
467 B	ECLECTECH ASSOCIATES	253 B	GTE COMMUNICATION SYSTEMS CORP
218 B	EDO CORPORATION	155 B	GTE CORPORATION
127 B	EG&G INC	28 B	GTE PRODUCTS CORPORATION DEL
332 B	ELECTRONIC ASSOCIATES INC	424 B	GULF & WESTERN INDUSTRIES INC
343 B	ELECTRONIC WARFARE ASSOC	417 B	H H AEROSPACE DESIGN CO

\* B = BUSINESS FIRM  
F = FOREIGN CONTRACTOR  
N = NON PROFIT INSTITUTION

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors  
for Research, Development, Test, and Evaluation Work: FY 1984  
(Continued)**

<b>RANK + LIST *</b>	<b>CONTRACTOR</b>	<b>RANK + LIST *</b>	<b>CONTRACTOR</b>
268 B	HADRON INC	146 B	LEADCO CREDIT UNION
327 B	HANCOCK/DIKEWOOD SERVICES INC	182 B	LEAR SIEGLER INC
301 B	HANSON R A CO INC	350 N	LEHIGH UNIVERSITY
38 B	HARRIS CORPORATION	123 B	LITTLE ARTHUR D INC
221 B	HARSCO CORPORATION	263 B	LITTON INDUSTRIES INC
227 N	HARVARD UNIVERSITY	57 B	LITTON SYSTEMS INC
248 B	HAYES INTERNATIONAL CORP	40 B	LOCKHEED CORPORATION
61 B	HAZELTINE CORPORATION	325 B	LOCKHEED ELECTRONICS COMPANY
470 B	HELIONETICS INC	436 B	LOCKHEED ENGRG & MGT SVS CO
52 B	HERCULES INCORPORATED	2 B	LOCKHEED MGR/SP CO INC
20 B	HONEYWELL INC	49 B	LOGICON INC
178 B	HORIZONS TECHNOLOGY INC	239 B	LORAL CORPORATION
136 B	HRB-SINGER INC	447 N	LOUISIANA ST UNV AGR MH CL SY
83 N	HUDSON INSTITUTE INC	25 B	LTV AEROSPACE AND DEFENSE CO
8 B	HUGHES AIRCRAFT COMPANY	139 B	M/A COM LINKABIT INC
326 B	HUMAN FACTORS RESEARCH	257 B	MAC AULAY-BROWN INC
214 N	HUMAN RESOURCES RES ORGANIZTN	56 B	MAGNAVOX GOVT & IND ELEC
194 B	HYCOR INC	265 B	MANTECH INTRNTL CORP
62 N	I I T RESEARCH INSTITUTE	491 B	MARINETTE MARINE CORP
489 B	I M R	415 B	MARK RESOURCES INC
369 B	I R T CORPORATION	191 B	MARLOW INDUSTRIES INC
279 B	IMPERIAL AVIATION INC	197 B	MARQUARDT CO INC
137 B	INCO INC	5 B	MARTIN MARIETTA CORPORATION
256 B	INFORMATION DEV APPLICATIONS	18 N	MASSACHUSETTS INSTITUTE TECH
229 B	INFORMATION SYS NETWKS CORP	238 N	MASSACHUSETTS UNIVERSITY OF
494 B	INFORMATION SYS & NET SBA	352 B	MATERIAL CONCEPTS INC
490 B	INFOT . . SYSTEMS CORPORATION	462 B	MAXIMA CORPORATION THE
157 B	INGERSOLL-RAND COMPANY INC	126 B	MAXWELL LABORATORIES INC
81 N	INSTITUTE FOR DEF ANALYSES	499 N	MAYO FOUNDATION
420 B	INTEGRATED SYSTEMS ANALYSTS	7 B	MC DONNELL DOUGLAS CORPORATION
488 B	INTERGRAPH CORPORATION	298 B	MC MULLEN JOHN J ASSOCIATES
115 B	INTERMETRICS INC	401 B	METEOR COMMUNICATIONS CORP
13 B	INTERNATIONAL BUSINESS MCHS	162 B	METRIC SYSTEMS CORPORATION
413 B	INTERNATIONAL SIGNAL & CONTRL	360 N	MICHIGAN STATE UNIVERSITY
320 B	INTERSPEC INC	445 N	MICHIGAN TECHNOLOGICAL UNIV
34 B	INTERSTATE ELECTRONICS CORP	461 B	MINE SAFETY APPLIANCES CO
476 F	ISRAEL MILITARY INDUSTRIES	117 B	MISSION RESEARCH CORPORATION
95 B	ITEK CORPORATION	21 N	MITRE CORPORATION THE
160 B	ITT AVIONICS/TI (JV)	32 B	MORTON THIOKOL INC
35 B	ITT CORPORATION	37 B	MOTOROLA INC
54 B	ITT WESTINGHOUSE (JV)	149 N	NATIONAL ACADEMY OF SCIENCES
99 B	JAYCOR	109 N	NATIONAL AERONAUTIC ASSN USA
16 N	JOHNS HOPKINS UNIVERSITY	500 N	NATIONAL SCIENCE FOUNDATION
77 B	KAMAN SCIENCES CORPORATION	281 N	NEW MEXICO INST MINING & TECH
395 B	KARAGOZIAN & CASE	114 N	NEW MEXICO STATE UNIVERSITY
441 B	KESTREL INSTITUTE	282 B	NEW TECHNOLOGY INC
382 B	KETRON INC	342 N	NEW YORK UNIVERSITY
459 B	KEYSTONE COMPUTER ASSOC INC	449 B	NFWPORT NEWS SHIPBLDG DRYDOCK
451 B	KOHLER CO	128 B	NICHOLS RESEARCH CORP INC
416 N	LA JOLLA INSTITUTE	79 B	NORDEN SYSTEMS INC

\* B = BUSINESS FIRM  
F = FOREIGN CONTRACTOR  
N = NON PROFIT INSTITUTION

Table 1. Ranking of the Top 500 JGD Products for Research, Development, Test, and Evaluation Work (Continued)

RANK LIST	PRODUCT	RANK LIST	PRODUCT
288 N	NOISE	271 B	RESEARCH AND
316 N	NOISE	403 B	RESEARCH AND
14 B	NOISE	355 N	RESEARCH AND
392 N	NOISE	305 N	RESEARCH AND
345 B	NUCLEAR RESEARCH	255 N	RESEARCH AND
185 B	ONLINE	111 B	RESEARCH AND
215 B	ONLINE	110 B	RESEARCH AND
397 B	ONLINE	211 B	RESEARCH AND
226 B	ONLINE	112 B	RESEARCH AND
224 N	ONLINE	113 B	RESEARCH AND
411 N	ONLINE	114 B	RESEARCH AND
218 N	ONLINE	115 B	RESEARCH AND
431 B	ONLINE	116 B	RESEARCH AND
363 B	ONLINE	117 B	RESEARCH AND
214 B	ONLINE	118 B	RESEARCH AND
150 N	ONLINE	119 B	RESEARCH AND
21 N	ONLINE	120 B	RESEARCH AND
421 B	ONLINE	121 B	RESEARCH AND
245 B	ONLINE	122 B	RESEARCH AND
336 B	ONLINE	123 B	RESEARCH AND
112 B	ONLINE	124 B	RESEARCH AND
456 B	ONLINE	125 B	RESEARCH AND
135 B	ONLINE	126 B	RESEARCH AND
135 B	ONLINE	127 B	RESEARCH AND
203 B	ONLINE	128 B	RESEARCH AND
112 B	ONLINE	129 B	RESEARCH AND
456 B	ONLINE	130 B	RESEARCH AND
135 B	ONLINE	131 B	RESEARCH AND
135 B	ONLINE	132 B	RESEARCH AND
203 B	ONLINE	133 B	RESEARCH AND
112 B	ONLINE	134 B	RESEARCH AND
456 B	ONLINE	135 B	RESEARCH AND
135 B	ONLINE	136 B	RESEARCH AND
135 B	ONLINE	137 B	RESEARCH AND
203 B	ONLINE	138 B	RESEARCH AND
112 B	ONLINE	139 B	RESEARCH AND
456 B	ONLINE	140 B	RESEARCH AND
135 B	ONLINE	141 B	RESEARCH AND
135 B	ONLINE	142 B	RESEARCH AND
203 B	ONLINE	143 B	RESEARCH AND
112 B	ONLINE	144 B	RESEARCH AND
456 B	ONLINE	145 B	RESEARCH AND
135 B	ONLINE	146 B	RESEARCH AND
135 B	ONLINE	147 B	RESEARCH AND
203 B	ONLINE	148 B	RESEARCH AND
112 B	ONLINE	149 B	RESEARCH AND
456 B	ONLINE	150 B	RESEARCH AND
135 B	ONLINE	151 B	RESEARCH AND
135 B	ONLINE	152 B	RESEARCH AND
203 B	ONLINE	153 B	RESEARCH AND
112 B	ONLINE	154 B	RESEARCH AND
456 B	ONLINE	155 B	RESEARCH AND
135 B	ONLINE	156 B	RESEARCH AND
135 B	ONLINE	157 B	RESEARCH AND
203 B	ONLINE	158 B	RESEARCH AND
112 B	ONLINE	159 B	RESEARCH AND
456 B	ONLINE	160 B	RESEARCH AND
135 B	ONLINE	161 B	RESEARCH AND
135 B	ONLINE	162 B	RESEARCH AND
203 B	ONLINE	163 B	RESEARCH AND
112 B	ONLINE	164 B	RESEARCH AND
456 B	ONLINE	165 B	RESEARCH AND
135 B	ONLINE	166 B	RESEARCH AND
135 B	ONLINE	167 B	RESEARCH AND
203 B	ONLINE	168 B	RESEARCH AND
112 B	ONLINE	169 B	RESEARCH AND
456 B	ONLINE	170 B	RESEARCH AND
135 B	ONLINE	171 B	RESEARCH AND
135 B	ONLINE	172 B	RESEARCH AND
203 B	ONLINE	173 B	RESEARCH AND
112 B	ONLINE	174 B	RESEARCH AND
456 B	ONLINE	175 B	RESEARCH AND
135 B	ONLINE	176 B	RESEARCH AND
135 B	ONLINE	177 B	RESEARCH AND
203 B	ONLINE	178 B	RESEARCH AND
112 B	ONLINE	179 B	RESEARCH AND
456 B	ONLINE	180 B	RESEARCH AND
135 B	ONLINE	181 B	RESEARCH AND
135 B	ONLINE	182 B	RESEARCH AND
203 B	ONLINE	183 B	RESEARCH AND
112 B	ONLINE	184 B	RESEARCH AND
456 B	ONLINE	185 B	RESEARCH AND
135 B	ONLINE	186 B	RESEARCH AND
135 B	ONLINE	187 B	RESEARCH AND
203 B	ONLINE	188 B	RESEARCH AND
112 B	ONLINE	189 B	RESEARCH AND
456 B	ONLINE	190 B	RESEARCH AND
135 B	ONLINE	191 B	RESEARCH AND
135 B	ONLINE	192 B	RESEARCH AND
203 B	ONLINE	193 B	RESEARCH AND
112 B	ONLINE	194 B	RESEARCH AND
456 B	ONLINE	195 B	RESEARCH AND
135 B	ONLINE	196 B	RESEARCH AND
135 B	ONLINE	197 B	RESEARCH AND
203 B	ONLINE	198 B	RESEARCH AND
112 B	ONLINE	199 B	RESEARCH AND
456 B	ONLINE	200 B	RESEARCH AND

\* B = BUSINESS  
F = FORD  
N = NON-FORD

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors  
for Research, Development, Test, and Evaluation Work; FY 1984  
(Concluded)**

RANK + LIST *	CONTRACTOR	RANK + LIST *	CONTRACTOR
383 B	SUMMIT RESEARCH CORPORATION	167 B	UNIVERSAL ENERGY SYSTEMS INC
209 B	SUPPORT SYSTEMS ASSOCIATES INC	394 N	UNIVERSITY OF ALABAMA
53 B	SVERDRUP TECHNOLOGY INC	283 N	UNIVERSITY OF ARIZONA
440 B	SYNECTICS CORP	58 N	UNIVERSITY OF CAL SYS WIDE ADM
211 B	SYNOPTIC SYSTEMS CORP	311 N	UNIVERSITY OF COLORADO
269 N	SYRACUSE RESEARCH CORP	101 N	UNIVERSITY OF DAYTON
244 B	SYSCON CORPORATION	212 N	UNIVERSITY OF FLORIDA
67 B	SYSTEM DEVELOPMENT CORPORATION	338 N	UNIVERSITY OF HAWAII
156 B	SYSTEM PLANNING CORPORATION	121 N	UNIVERSITY OF ILLINOIS
474 B	SYSTEMATICS GENERAL CORP	337 N	UNIVERSITY OF IOWA INC THE
108 B	SYSTEMS APPLD SCNCS CORP	159 N	UNIVERSITY OF MARYLAND INC
249 B	SYSTEMS CONTROL INC	240 N	UNIVERSITY OF MIAMI INC
243 B	SYSTEMS EXPLORATION INC	205 N	UNIVERSITY OF MICHIGAN
373 B	SYSTEMS PLANNING & ANALYSIS	315 N	UNIVERSITY OF MINNESOTA
74 B	SYSTEMS RESEARCH LABORATORIES	444 N	UNIVERSITY OF MISSOURI
300 B	T A D COMMUNICATION	89 N	UNIVERSITY OF NEW MEXICO THE
213 B	T S C INC	322 N	UNIVERSITY OF NORTH CAROLINA
365 B	TCOM CORP	198 N	UNIVERSITY OF PENNSYLVANIA
353 B	TECHDYN SYSTEMS CORPORATION	351 N	UNIVERSITY OF PGH COMMON
216 B	TECHNOLOGY DEVLPMNT/CAL NC	291 N	UNIVERSITY OF RHODE ISLAND
418 B	TECHNOLOGY INCORPORATED	335 N	UNIVERSITY OF ROCHESTER
384 B	TECHPLAN CORP	75 N	UNIVERSITY OF SOUTHERN CAL
323 B	TEKTRONIX INC	65 N	UNIVERSITY OF TEXAS SYSTEM
166 B	TELEDYNE CONTINENTAL MOTORS	233 N	UNIVERSITY OF UTAH
411 B	TELEDYNE ENERGY SYSTEMS	94 N	UNIVERSITY OF WASHINGTON
51 B	TELEDYNE INC	189 N	UNIVERSITY OF WISCONSIN SYSTEM
103 B	TELEDYNE INDUSTRIES INC	119 B	URS-BERGER
247 B	TELEPHONICS CORPORATION	133 N	UTAH STATE UNIVERSITY
425 B	TERRA TEK INC	260 B	VARIAN ASSOCIATES
324 N	TEXAS A & M RESEARCH FDN	386 B	VEDA INCORPORATED
31 B	TEXAS INSTRUMENTS INCORPORATED	234 B	VERAC INCORPORATED
498 B	TEXAS MEDICAL INSTRUMENTS INC	250 N	VIRGINIA PLYTCHNC INST/ST UNIV
70 B	TEXTRON INC	432 B	VISIDYNE INC
104 B	THE ANALYTIC SCIENCES CORP	232 B	VITRONICS INC
492 B	THINKING MACHINE CORP	422 B	VSE CORPORATION
392 B	THIOKOL CORPORATION	485 B	WAGNER DANIEL H ASSOCIATES
313 B	TITAN SYSTEMS INC	223 N	WASHINGTON BOOKER T FOUNDATION
464 B	TOYON RESEARCH CORP	334 B	WASHINGTON PATROL SERVICE INC
90 B	TRACOR INC	434 N	WASHINGTON STATE UNIV
408 B	TRIAD MICROSYSTEMS INC	294 N	WASHINGTON UNIVERSITY
358 N	TRUSTEES COLUMBIA UNVRSTY	293 B	WATKINS-JOHNSON COMPANY
10 B	TRW INC	237 B	WEIDLINGER ASSOCIATES INC
284 B	TVI ENERGY CORPORATION	428 N	WENTWORTH INST TECHNOLOGY
308 N	U S DEPARTMENT OF COMMERCE	163 B	WESTERN RESEARCH CORPORATION
142 B	U T L CORPORATION	9 B	WESTINGHOUSE ELECTRIC CORP
105 B	ULTRASYSTEMS INCORPORATED	26 B	WILLIAMS INTERNATIONAL CORP
72 B	UNIDYNAMICS CORPORATION	102 N	WOODS HOLE OCEANOGRAPHIC INSTN
366 B	UNITED STATES DEPARTMENT DEF	297 B	XEROX CORPORATION
429 N	UNITED STATES DEPT ENERGY	393 B	XONTECH INC
19 B	UNITED TECHNOLOGIES CORP	204 N	YALE UNIVERSITY

\* B = BUSINESS FIRM  
F = FOREIGN CONTRACTOR  
N = NON PROFIT INSTITUTION

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
1	BOEING COMPANY INC THE	1,788,529 *		MARTIN-MARIETTA CORPORATION	
	HUNTSVILLE ALABAMA	7,070		WAKEFIELD MASS	2
	WICHITA KANSAS	241,770		KIRTLAND AIR F NEW MEXICO	2,199
	OKLAHOMA CITY OKLAHOMA	830	6	GENERAL DYNAMICS CORPORATION	695,923 *
	PHILADELPHIA PENN	10,620		YUMA ARIZONA	624
	RIDLEY PARK PENN	709		POMONA CALIFORNIA	81,492
	HOUSTON TEXAS	162		SAN DIEGO CALIFORNIA	375,902
	KENT WASHINGTON	197,873		GROTON CONN	42,209
	SEATTLE WASHINGTON	1,329,495		CENTER LINE MICHIGAN	1,839
2	LOCKHEED MIS/SP CO INC	1,156,553 *		STERLING HEIGHT MICHIGAN	105
	HUNTSVILLE ALABAMA	3,156		TROY MICHIGAN	6,739
	WYCAMB ARKANSAS	10,000		WARREN MICHIGAN	41,132
	PALO ALTO CALIFORNIA	20,057		KIRTLAND AIR F NEW MEXICO	2,050
	SUNNYVALE CALIFORNIA	1,041,939		LIMA ARMY TANK OHIO	1,207
	AUSTIN TEXAS	80,317		DALLAS TEXAS	294
	SEATTLE WASHINGTON	1,084		FORT WORTH TEXAS	142,330
3	ROCKWELL INTERNATIONAL CORP	954,037 *	7	MC DONNELL DOUGLAS CORPORATION	588,448 *
	ANAHEIM CALIFORNIA	194,099		EDWARDS AIR FO CALIFORNIA	813-
	DOWNNEY CALIFORNIA	54,725		GEORGE AIR FOR CALIFORNIA	188
	EDWARDS AIR FO CALIFORNIA	174		HUNTINGTON BEA CALIFORNIA	100,989
	EL SEGUNDO CALIFORNIA	1,100		LONG BEACH CALIFORNIA	40,630
	LOS ANGELES CALIFORNIA	597,096		TORRANCE CALIFORNIA	263
	NEWPORT BEACH CALIFORNIA	48-		DENVER COLORADO	1,089
	SEAL BEACH CALIFORNIA	53,770		EGLIN AIR FORC FLORIDA	295-
	STANFORD CALIFORNIA	120		TITUSVILLE FLORIDA	204
	THOUSAND OAKS CALIFORNIA	22,865		WEST LAFAYETTE INDIANA	50
	DULUTH GEORGIA	3,627		ROCKVILLE MARYLAND	238
	CEDAR RAPIDS IOWA	16,571		STERLING HEIGHT MICHIGAN	323
	KIRTLAND AIR F NEW MEXICO	1,000		BERKELEY MISSOURI	6,560
	CINCINNATI OHIO	146-		ST. CHARLES MISSOURI	63
	COLUMBUS OHIO	2,718		ST. LOUIS MISSOURI	437,622
	DAYTON OHIO	34		ST. LOUIS ARMY MISSOURI	225
	WRIGHT PATTERS OHIO	90		BETHPAGE NEW YORK	1,025
	TULSA OKLAHOMA	63		NEW YORK NEW YORK	50
	RICHARDSON TEXAS	6,179		STEEDMAN OKLAHOMA	37
4	GENERAL ELECTRIC COMPANY	848,238 *	8	HUGHES AIRCRAFT COMPANY	575,936 *
	HUNTSVILLE ALABAMA	8,011		SPAIN	400-
	WILLIAMS AIR F ARIZONA	3,202		TUCSON ARIZONA	3,156
	WASHINGTON DIST COL	600		ANAHEIM CALIFORNIA	40,630
	DAYTONA BEACH FLORIDA	12,719		CARLSBAD CALIFORNIA	86
	OWENSBORO EAST KENTUCKY	45		CULVER CITY CALIFORNIA	2,979
	LYNN MASS	87,273		EL CAJON CALIFORNIA	476
	PITTSFIELD MASS	170,766		EL SEGUNDO CALIFORNIA	65,041
	WILMINGTON MASS	944		FULLERTON CALIFORNIA	247,685
	BINGHAMTON NEW YORK	676		FULTON CALIFORNIA	6,042
	JOHNSON CITY NEW YORK	1,027		HAWTHORNE CALIFORNIA	268
	SCHENECTADY NEW YORK	80,592		IRVINE CALIFORNIA	697
	SYRACUSE NEW YORK	178,940		LONG BEACH CALIFORNIA	1,141
	UTICA NEW YORK	27,132		LOS ANGELES CALIFORNIA	178,829
	CINCINNATI OHIO	146,199		MALAGA CALIFORNIA	991
	EVENDALE OHIO	952		MALIBU CALIFORNIA	8,554
	WRIGHT PATTERS OHIO	250		NEWPORT BEACH CALIFORNIA	161
	KING OF PRUSS PENN	10,672		SACRAMENTO CALIFORNIA	80-
	PHILADELPHIA PENN	106,282		TORRANCE CALIFORNIA	19,871
	PLEASUREVILLE PENN	900		WASHINGTON DIST COL	100
	VALLEY FORGE PENN	1,600		EGLIN AIR FORC FLORIDA	794
	BURLINGTON VERMONT	3,866		PLYMOUTH MINNESOTA	183
	ARLINGTON VIRGINIA	5,290		OMAHA NEBRASKA	100
5	MARTIN MARIETTA CORPORATION	813,576 *		ALBUQUERQUE NEW MEXICO	632
	HUNTSVILLE ALABAMA	122	9	WESTINGHOUSE ELECTRIC CORP	523,133 *
	SUNNYVALE CALIFORNIA	750-		GERMANY W	600
	VANDENBERG CALIFORNIA	125,636		SUNNYVALE CALIFORNIA	257,815
	VANDENBERG AIR CALIFORNIA	121,549		WASHINGTON DIST COL	247
	DENVER COLORADO	406,895		ANNAPOLIS MARYLAND	1,917
	JEFFERSON CITY COLORADO	100		BALTIMORE MARYLAND	137,117
	WATERTON COLORADO	6,464		BALTIMORE WASH MARYLAND	8,823
	ORLANDO FLORIDA	132,022		COCKEYSVILLE MARYLAND	3,954
	NEW ORLEANS LOUISIANA	100		COLUMBIA MARYLAND	292
	BALTIMORE MARYLAND	18,781		HUNTSVILLE MARYLAND	176
	BALTIMORE HIGH MARYLAND	26		LIMA OHIO	250
	HALETHORPE MARYLAND	430		WRIGHT PATTERS OHIO	861

\* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)  
S = SMALL BUSINESS



**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
	WESTINGHOUSE ELECTRIC CORP MADISON PENN PITTSBURGH PENN WEST MIFFLIN PENN	93 9,327 101,861	14	NORTHROP CORPORATION ANAHEIM CALIFORNIA HAWTHORNE CALIFORNIA PALOS VERDES E CALIFORNIA ROLLING HILLS CALIFORNIA ROLLING MEADOW ILLINOIS NORWOOD MASS	297,422 * 2,991 258,943 177 417 6,211 28,683
10	TRW INC HUNTSVILLE ALABAMA EL SEGUNDO CALIFORNIA JACKSON RANCHE CALIFORNIA LAWDALE CALIFORNIA LOS ANGELES CALIFORNIA NORTON CALIFORNIA PLACENTIA CALIFORNIA REDONDO BEACH CALIFORNIA SAN BERNARDINO CALIFORNIA SAN DIEGO CALIFORNIA SAN JUAN CAPIS CALIFORNIA COLORADO SPRIN COLORADO CLEVELAND OHIO DAYTON OHIO WRIGHT PATTERS OHIO PHILADELPHIA PENN FALLS CHURCH VIRGINIA MCLEAN VIRGINIA	455,373 * 2,152 1,176 100 150 10,000 11,619 155 244,890 108,766 13,758 4,490 11,024 258 765 1,650 54 38,518 5,848	19	UNITED TECHNOLOGIES CORP SAN JOSE CALIFORNIA SUNNYVALE CALIFORNIA EAST HARTFORD CONN HARTFORD CONN SOUTH WINDSOR CONN STAFFORD CONN STRAFORD CONN WINDSOR LOCKS CONN PALM BEACH FLORIDA WEST PALM BEAC FLORIDA ALBUQUERQUE NEW MEXICO FORT WASHINGTO PENN	254,772 * 12,530 5,302 5,052 451 183 2,100 73,203 3,959 373 150,487 201 935
11	SPERRY CORPORATION HUNTSVILLE ALABAMA PHOENIX ARIZONA BENICIA CALIFORNIA SAN DIEGO CALIFORNIA CLEARWATER FLORIDA ST PAUL MINNESOTA ALBUQUERQUE NEW MEXICO WHITE SANDS MI NEW MEXICO GREAT NECK NEW YORK SOUTHAMPTON PENN TREVISE PENN SALT LAKE CITY UTAH CHARLOTTESVILL VIRGINIA DAHLGREN VIRGINIA RESTON VIRGINIA	443,666 * 2,199 33 69 317 330 19,649 1,613 36- 411,986 1,830 1,953 1,903 662 121 1,037	20	HONEYWELL INC WEST COVINA CALIFORNIA DENVER COLORADO CLEARWATER FLORIDA TAMPA FLORIDA ANNAPOLIS MARYLAND HALFWAY MARYLAND KALMIA MARYLAND LEXINGTON MASS BLOOMINGTON MINNESOTA EDINA MINNESOTA ELK RIVER MINNESOTA HOPKINS MINNESOTA MINNEAPOLIS MINNESOTA MINNETONKA MINNESOTA NEW BRIGHTON MINNESOTA NEW HOPE MINNESOTA PLYMOUTH MINNESOTA ROSEVILLE MINNESOTA ST LOUIS PARK MINNESOTA EATONTOWN NEW JERSEY HORSHAM PENN SEATTLE WASHINGTON	246,249 * 1,208 65 65,689 450 2,226 69 31 8,277 2,613 318 26 92,207 23,909 35,276 1,350- 658 3,377 1,791 5,399 989 741 2,280
12	RAYTHEON COMPANY GOLETA CALIFORNIA LOS ANGELES CALIFORNIA OXNARD CALIFORNIA PATRICK AIR FO FLORIDA ANDOVER MASS BEDFORD MASS BOSTON MASS BURLINGTON MASS LEXINGTON MASS LOWELL MASS MARLBORO MASS MARLBOROUGH MASS NORTHBOROUGH MASS SUDBURY MASS WALTHAM MASS WAYLAND MASS WAYNE NEW JERSEY PORTSMOUTH RHODE ISL	408,161 * 32,877 408 1,876 213 22,031 26,667 571 6,189 1,631 5,312 1,556 5,703 567 52,078 945 193,217 210 56,110	22	GRUMMAN AEROSPACE CORPORATION EDWARDS AIR FC CALIFORNIA STUART FLORIDA BETHPAGE NEW YORK	219,824 * 3,431 3,297 213,096
13	INTERNATIONAL BUSINESS MCHS SAN JOSE CALIFORNIA THOUSAND OAKS CALIFORNIA GAITHERSBURG MARYLAND OSWEGO NEW YORK OWEGO NEW YORK YORKTOWN HEIGH NEW YORK HOUSTON TEXAS ARLINGTON VIRGINIA MANASSAS VIRGINIA	315,114 * 862 7,085 151,453 8,150 55,590 354 4,405 14,861 72,554	23	RCA CORPORATION BURLINGTON TRUST TERR ALMONESSON MASS CAMDEN NEW JERSEY CHERRY HILL NEW JERSEY MOORESTOWN-LEN NEW JERSEY MORRISTOWN NEW JERSEY NUTLEY NEW JERSEY PRINCETON NEW JERSEY ROME NEW YORK LANCASTER PENN SPRINGFIELD VIRGINIA	203,830 * 16,250 13,822 94 87,175 458 68,570 5,297 7,385 4,361 146 52 270
			24	AEROJET STRATEGIC PROPULSION SACRAMENTO CALIFORNIA	196,699 * 196,699
			25	LTV AEROSPACE AND DEFENSE CO HONOLULU TRUST TERR PEARL CITY HAWAII WHITE SANDS MI NEW MEXICO DALLAS TEXAS GRAND PRAIRIE TEXAS	187,599 * 20,674 38 54 50 166,646 137

\* - MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)  
S - SMALL BUSINESS

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
26	WILLIAMS INTERNATIONAL CORP WALLED LAKE MICHIGAN	178,015 * 178,015		SINGER COMPANY THE DAYTON OHIO WRIGHT PATTERS OHIO	100 1,486
27	FORD AEROSPACE & COMMUNCTS NEWPORT BEACH CALIFORNIA PALO ALTO CALIFORNIA SUNNYVALE CALIFORNIA COLORADO SPRIN COLORADO FORT LEAVENWOR KANSAS HANOVER MARYLAND HOUSTON TEXAS	159,512 * 34,245 33,335 14,406 61,779 3,129 7,634 4,984	37	MOTOROLA INC PHOENIX ARIZONA SCOTTSDALE ARIZONA TEMPE ARIZONA WASHINGTON DIST COL SCHAUMBURG ILLINOIS ST LOUIS MISSOURI	98,307 * 856 46,532 50,455 50 78 536
28	GTE PRODUCTS CORPORATION DEL TRUST TERR MOUNTAIN VIEW CALIFORNIA MOUNT VIEW CALIFORNIA COLORADO SPRIN COLORADO ROCKVILLE MARYLAND DANVERS MASS NEEDHAM MASS WALTHAM MASS WESTBOROUGH MASS TOWANDA PENN ARLINGTON VIRGINIA	158,835 * 11,833 14,385 209 2,792 2,332 536 122,049 145 1,142 570 2,642	38	HARRIS CORPORATION MELBOURNE FLORIDA PALM BAY FLORIDA	78,824 * 62,658 16,166
29	G T E SERVICE CORPORATION WESTBOROUGH MASS	153,167 * 153,167	39	BELL HELICOPTER-TEXTRON FORT WORTH TEXAS HURST TEXAS	77,330 * 77,148 182
30	AVCO CORPORATION STAFFORD CONN STRATFORD CONN STRATFORD ARMY CONN LOWELL MASS WILMINGTON MASS	140,741 * 74 4,015 493 421 135,738	40	LOCKHEED CORPORATION BURBANK CALIFORNIA MARIETTA GEORGIA DENVILLE NEW JERSEY PLAINFIELD NEW JERSEY	76,380 * 73,627 2,445 140 168
31	TEXAS INSTRUMENTS INCORPORATED DALLAS TEXAS DALLAS-FORT WD TEXAS LEWISVILLE TEXAS SHERMAN TEXAS	127,413 * 109,249 3,515 11,787 2,862	41	ESL INC SUNNYVALE CALIFORNIA EGLIN AIR FORC FLORIDA HANOVER MARYLAND	73,159 * 154- 72,962 77 274
32	MORTON THIOCOL INC BRIGHAM CITY UTAH	126,889 * 126,889	42	BELL-BOEING JV FORT WORTH TEXAS	72,849 * 72,849
33	SANDERS ASSOCIATES INC HUDSON NEW HAMPSH MERRIMACK NEW HAMPSH NASHUA NEW HAMPSH NUTLEY NEW JERSEY	112,494 * 427 5,998 93,275 12,794	43	FAIRCHILD INDUSTRIES INC EDWARDS AIR FO CALIFORNIA ANNAPOLIS MARYLAND GERMANTOWN MARYLAND FARMINGDALE NEW YORK	72,806 * 578 5,325 179 66,724
34	INTERSTATE ELECTRONICS CORP ANAHEIM CALIFORNIA	109,365 * 109,365	44	SCIENCE APPLCTN ITL CORP HUNTSVILLE ALABAMA TUCSON ARIZONA GOLETA CALIFORNIA HERMOSA BEACH CALIFORNIA IRVINE CALIFORNIA LOS ANGELES CALIFORNIA PLACENTIA CALIFORNIA SAN DIEGO CALIFORNIA SANTA BARBARA CALIFORNIA THOUSAND OAKS CALIFORNIA SAN DIEGO CALIFORNIA DENVER COLORADO MARIETTA GEORGIA BEDFORD MASS LAS VEGAS NEVADA HANOVER NEW HAMPSH PRINCETON NEW JERSEY ALBUQUERQUE NEW MEXICO KIRTLAND AIR F NEW MEXICO ROME NEW YORK DAYTON OHIO WRIGHT PATTERS OHIO WAYNE PENN ARLINGTON VIRGINIA MCLEAN VIRGINIA OAK RIDGE VIRGINIA	69,014 * 12,614 1,356 82 2,977 157 45 8,544 20,147 90 80 88 314 335 78 1,934 386 251 900 318 98 8,667 519 292 412 10,098 210
35	ITT CORPORATION YUMA ARIZONA LOS ANGELES CALIFORNIA MENLO PARK CALIFORNIA SHELTON CONN FORT WAYNE INDIANA LONG BRANCH NEW JERSEY NORWOOD NEW JERSEY NUTLEY NEW JERSEY WRIGHT PATTERS OHIO ROANOKE VIRGINIA	107,697 * 120 5,532 83 63 8,324 778 501 92,507 717- 506	45	EATON CORPORATION DEER PARK NEW YORK DEER RIVER NEW YORK FARMINGDALE NEW YORK MELVILLE NEW YORK	83,507 * 57,379 4,917 213 988
36	SINGER COMPANY THE LUKE AIR FORCE ARIZONA WILLIAMS AIR F ARIZONA GLENDALE CALIFORNIA SAN MARCOS CALIFORNIA SILVER SPRING MARYLAND LITTLE FALLS NEW JERSEY WAYNE NEW JERSEY BINGHAMTON NEW YORK NEW YORK NEW YORK	105,456 * 3,836 2,970 15,295 155 230 29,938 2,140 49,246 80			

\* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)  
S = SMALL BUSINESS

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
46	BDM CORPORATION THE	63,295 *	54	ITT WESTINGHOUSE - J.V. NUTLEY NEW JERSEY	48,582 *
	HUNTSVILLE ALABAMA	413			48,582
	WASHINGTON DIST COL	3,871	55	COMPUTER SCIENCES CORPORATION	45,665 *
	TYNDALL AIR FO FLORIDA	244		HUNTSVILLE ALABAMA	5,069
	COLUMBIA MARYLAND	2,724		REDSTONE ARSEN ALABAMA	926
	SHREWSBURY NEW JERSEY	82		CAMARILLO CALIFORNIA	2,232
	ALBUQUERQUE NEW MEXICO	2,543		SAN DIEGO CALIFORNIA	661
	KIRTLAND NEW MEXICO	5,521		ORLANDO FLORIDA	49
	KIRTLAND AIR F NEW MEXICO	570		MOORESTOWN-LEN NEW JERSEY	7,546
	WHITE SANDS M: NEW MEXICO	6,872		OCEAN NEW JERSEY	855
	NEW YORK NEW YORK	8,332		OCEANPORT NEW JERSEY	26
	DAYTON OHIO	246		RED BANK NEW JERSEY	2,845
	WRIGHT PATTERS OHIO	418		ALBUQUERQUE NEW MEXICO	4,674
	MCLEAN VIRGINIA	255		HUNTINGDON VAL PENN	329
	NORFOLK VIRGINIA	30,765		WARMINSTER PENN	1,538
	WARRENTON VIRGINIA	276		FALLS CHURCH VIRGINIA	17,727
		163		NEWPORT NEWS VIRGINIA	1,186
47	CALSPAN CORPORATION	60,656 *	56	MAGNAVOX GOVT & IND ELEC	45,197 *
	BUFFALO NEW YORK	17,703		TORRANCE CALIFORNIA	12,831
	DAYTON OHIO	906		FORT WAYNE INDIANA	28,433
	PHILADELPHIA PENN	30		MAHWAH NEW JERSEY	2,910
	ARNOLD AIR FOR TENNESSEE	42,017		FALLS CHURCH VIRGINIA	1,023
48	GARRETT CORPORATION THE	57,044 *	57	LITTON SYSTEMS INC	44,700 *
	PHOENIX ARIZONA	56,315		LOS ANGELES CALIFORNIA	35,711
	TORRANCE CALIFORNIA	562		DAVENPORT IOWA	810
	BELLMARW NEW JERSEY	167		COLLEGE PARK MARYLAND	2,703
49	LOGICON INC	52,564 *		PASCAGOULA MISS	360
	LOS ANGELES CALIFORNIA	323		MORRIS PLAINS NEW JERSEY	76
	SAN DIEGO CALIFORNIA	17,170		MELVILLE NEW YORK	360
	SAN PEDRO CALIFORNIA	30,664		FORT BLISS TEXAS	3,692
	LANHAM MARYLAND	81		SALT LAKE CITY UTAH	959
	BELLEVUE NEBRASKA	500		BLACKSBURG VIRGINIA	29
	DAYTON OHIO	3,310	60	GLOBAL ASSOC A JOINT VENTURE	43,062 *
	ALTUS OKLAHOMA	228		TRUST TERR FOREIGN	28,552
	ARLINGTON VIRGINIA	250			14,510
	FAIRFAX VIRGINIA	38	61	HAZELTINE CORPORATION	42,504 *
50	A T & T TECHNOLOGIES INC	51,571 *		BRAINTREE MASS	1,096
	WASHINGTON DIST COL	260		GREENLAWN NEW YORK	28,980
	NORCROSS GEORGIA	700		MCLEAN VIRGINIA	12,428
	NEW PROVIDENCE NEW JERSEY	1,340	63	AUTOMATION INDUSTRIES INC	41,517 *
	WHIPPANY NEW JERSEY	22,043		CAMARILLO CALIFORNIA	2,632
	BURLINGTON N CAROLINA	300		SAN DIEGO CALIFORNIA	52
	GREENSBORO N CAROLINA	25,228		GROTON CONN	700
	MCLEANSVILLE N CAROLINA	1,050		RIVERDALE MARYLAND	600
	ARLINGTON VIRGINIA	650		SILVER SPRING MARYLAND	37,533
51	TELEDYNE INC	51,426 *	64	R & D ASSOCIATES	36,286 *
	HUNTSVILLE ALABAMA	40,884		MARINA DEL RAY CALIFORNIA	1,850
	COSTA MESA CALIFORNIA	416		COLORADO SPRIN COLORADO	29,627
	HOLLISTER CALIFORNIA	621		ALBUQUERQUE NEW MEXICO	513
	LOS ANGELES CALIFORNIA	5,354		KIRTLAND AIR F NEW MEXICO	2,804
	MOUNTAIN VIEW CALIFORNIA	57		ALEXANDRIA VIRGINIA	2,129
	TOLEDO OHIO	4,094		ARLINGTON VIRGINIA	798
52	HERCULES INCORPORATED	50,438 *			565
	BESSEMER ALABAMA	80	66	A A I CORPORATION	35,978 *
	EDWARDS AIR FO CALIFORNIA	149		ABERDEEN PROVI MARYLAND	49
	CUMBERLAND MARYLAND	975		BALTIMORE MARYLAND	18,552
	MC GREGOR TEXAS	1,826		COCKEYSVILLE MARYLAND	17,067
	MAGNA UTAH	48,845		TOWSON MARYLAND	310
	SALT LAKE CITY UTAH	393	67	SYSTEM DEVELOPMENT CORPORATION	35,244 *
	RAFORD ARMY A VIRGINIA	89		HUNTSVILLE ALABAMA	4,971
	ROCKET CENTER W VIRGINIA	281		SANTA MONICA CALIFORNIA	4,621
53	SVERDRUP TECHNOLOGY INC	48,606 *		WEST LONG BRAN NEW JERSEY	3,841
	ARNOLD AIR FOR TENNESSEE	48,351		DAYTON OHIO	573
	TULLAHOMA TENNESSEE	255		ARLINGTON VIRGINIA	286
				MCLEAN VIRGINIA	20,952

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
68	EMERSON ELECTRIC CO ST. LOUIS MISSOURI	34,450 *	86	CONTROL DATA CORPORATION MINNEAPOLIS MINNESOTA	22,356 *
69	BENDIX CORPORATION THE LOS ANGELES CALIFORNIA	31,342 *	87	ATLANTIC RESEARCH CORPORATION GAINESVILLE ALABAMA	21,404 *
	SUNNYVALE CALIFORNIA	2,826		WHITE SANDS MI NEW MEXICO	122
	MISHAWAKA INDIANA	1,023		ALEXANDRIA VIRGINIA	129
	BALTIMORE MARYLAND	21,981		GAINESVILLE VIRGINIA	5,759
	TOWSON MARYLAND	1,456	90	TRACOR INC SAN RAMON CALIFORNIA	15,391
	AMESBURY MASS	84		NEW LONDON CONN	20,259 *
	EATONTOWN NEW JERSEY	175		JACKSONVILLE FLORIDA	347
	TETERBORO NEW JERSEY	3,599		AUSTIN TEXAS	46
70	TEXTRON INC SIERRA VISTA ARIZONA	30,548 *	91	PLANNING RESEARCH CORPORATION WASHINGTON DIST COL	19,676
	TUCSON ARIZONA	833		TAMPA FLORIDA	20,181 *
	BELMONT CALIFORNIA	10,449		OMAHA NEBRASKA	49-
	NICEVILLE FLORIDA	1,534		OCEANPORT NEW JERSEY	120
	NEW ORLEANS LOUISIANA	1,103		FAIRFAX VIRGINIA	8,316
	BUFFALO NEW YORK	9,650		MCLEAN VIRGINIA	2,591
	WHEATFIELD NEW YORK	2,512		RESTON VIRGINIA	60
	WHEATLAND NEW YORK	4,475			8,784
72	UNIDYNAMICS CORPORATION GOODYEAR ARIZONA	28,597 *	92	SOLAR TURBINES INCORPORATED SAN DIEGO CALIFORNIA	359
	BERLAMONT MICHIGAN	946			19,133 *
	ST. LOUIS MISSOURI	12,012			19,133
74	SYSTEMS RESEARCH LABORATORIES HANOVER MARYLAND	27,068 *	95	ITEK CORPORATION SUNNYVALE CALIFORNIA	17,993 *
	DAYTON OHIO	1,063		LEXINGTON MASS	1,964
	WRIGHT PATTERS OHIO	11,410			16,029
	SAN ANTONIO TEXAS	14,302	96	BOOZ ALLEN & HAMILTON INC SCOTT AIR FORC ILLINOIS	17,750 *
		293		BETHESDA MARYLAND	649
76	BOL* BERANEK AND NEWMAN INC LOS ANGELES CALIFORNIA	25,729 *		FORT MEADE MARYLAND	15,217
	NEW LONDON CONN	227		ALBUQUERQUE NEW MEXICO	1,446
	CAMBRIDGE MARYLAND	73		PHILADELPHIA PENN	388
	CAMBRIDGE MASS	688			50
	ARLINGTON VIRGINIA	24,435	97	CHRYSLER CORPORATION HUNTSVILLE ALABAMA	17,676 *
		106		CENTER LINE MICHIGAN	26
77	KAMAN SCIENCES CORPORATION SANTA BARBARA CALIFORNIA	25,462 *		SUNRISE HEIGHT MICHIGAN	350
	SANTA MONICA CALIFORNIA	5,998		TROY MICHIGAN	17,000
	COLORADO SPRIN COLORADO	135	98	AEROJET-GENERAL CORPORATION AZUSA CALIFORNIA	17,408 *
	BLOOMFIELD CONN	15,818		DOWNEY CALIFORNIA	15,601
	BEL AIR MARYLAND	44		NIMBUS CALIFORNIA	39*
	BURLINGTON MASS	100		SACRAMENTO CALIFORNIA	84
	ALBUQUERQUE NEW MEXICO	1,190		SAN DIEGO CALIFORNIA	985
	ALEXANDRIA VIRGINIA	2,103		TUSTIN CALIFORNIA	200
		74			147
79	NORDEN SYSTEMS INC SANTA ANA CALIFORNIA	24,168 *	99	JAYCOR FRESNO CALIFORNIA	16,806 *
	NORWALK CONN	100		SAN DIEGO CALIFORNIA	250
	MELVILLE NEW YORK	23,086		SANTA BARBARA CALIFORNIA	10,654
		982		SANTA MONICA CALIFORNIA	98
80	ELECTROSPACE SYSTEMS INC SAN DIEGO CALIFORNIA	24,108 *		VIKSBURG MISS	100
	DAYTON OHIO	121		ALBUQUERQUE NEW MEXICO	25
	FAIRBORN OHIO	666		DAYTON OHIO	73
	DALLAS TEXAS	458		ALEXANDRIA VIRGINIA	176
	RICHARDSON TEXAS	320		MCLEAN VIRGINIA	5,347
	ARLINGTON VIRGINIA	22,144			83
		399	100	AMEX SYSTEMS INC SAN DIEGO CALIFORNIA	16,795 *
82	GOODYEAR AEROSPACE CORPORATION LITCHFIELD ARIZONA	23,217 *			16,795
	LITCHFIELD PAR ARIZONA	7,241	103	TELEDYNE INDUSTRIES INC MOBILE ALABAMA	15,913 *
	AKRON OHIO	1,417		LOS ANGELES CALIFORNIA	750
		14,559		SAN DIEGO CALIFORNIA	7,071
84	FMC CORPORATION ANNISTON ALABAMA	22,583 *		TORRANCE CALIFORNIA	4,148
	SAN JOSE CALIFORNIA	1,400		MUSKEGON MICHIGAN	461
	LOUISVILLE MARYLAND	17,876		WHITE SANDS MI NEW MEXICO	306
	MINNEAPOLIS MINNESOTA	154-		ABILENE TEXAS	236
		3,461			326

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(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
	TELEDYNE INDUSTRIES INC GARLAND TEXAS ALEXANDRIA VIRGINIA	133 2,482	119	URS-BERGER SAN BERNARDINO CALIFORNIA	11,774 * 11,774
104	THE ANALYTIC SCIENCES CORP READING MASS FAIRBORN OHIO	S 15,713 * 15,283 424	120	FORD MOTOR COMPANY PALO ALTO CALIFORNIA WYOM MICHIGAN	11,275 * 11,072 203
105	ULTRASYSTEMS INCORPORATED SIERRA VISTA ARIZONA HAWTHORNE CALIFORNIA IRVINE CALIFORNIA FAIRFAX VIRGINIA	15,597 * 6,251 2,508 6,805 33	122	DYNAELECTRON CORPORATION POINT MUGO NAV CALIFORNIA ALBUQUERQUE NEW MEXICO DAYTON OHIO FORT WORTH TEXAS	10,806 * 137- 10,459 157 327
106	GENERAL MOTORS CORPORATION GOLETA CALIFORNIA INDIANAPOLIS INDIANA DETROIT MICHIGAN	15,193 * 6,135 8,940 118	123	LITTLE ARTHUR D INC CAMBRIDGE MASS	10,739 * 10,739
108	SYSTEMS APPLD SCNCs CORP MONTEREY CALIFORNIA RIVERDALE MARYLAND SEVERNA PARK MARYLAND HANSCOM AIR FO MASS DAYTON OHIO WRIGHT PATTERS OHIO VIENNA VIRGINIA	S 14,480 * 50 1,372 300 1,012 3,036 433 8,277	124	GENERAL RESEARCH CORPORATION HUNTSVILLE ALABAMA EL SEGUNDO CALIFORNIA SANTA BARBARA CALIFORNIA DAYTON OHIO MCLEAN VIRGINIA	10,670 * 2,368 114 5,968 798 1,422
110	CUBIC CORPORATION SAN DIEGO CALIFORNIA	13,674 * 13,674	125	BURROUGHS CORPORATION PAOLI PENN WARMINSTER PENN MCLEAN VIRGINIA	10,659 * 9,471 654 534
111	E-SYSTEMS INC SAINT PETERSBU FLORIDA DALLAS TEXAS GREENVILLE TEXAS SALT LAKE CITY UTAH FALLS CHURCH VIRGINIA	13,415 * 1,536 846 8,657 275 2,101	126	MAXWELL LABORATORIES INC SAN DIEGO CALIFORNIA	S 10,529 * 10,529
112	PHYSICS INTERNATIONAL COMPANY HERMOSA BEACH CALIFORNIA SAN LEANDRO CALIFORNIA WADSWORTH OHIO FAIRFAX VIRGINIA	12,700 * 238 11,923 364 115	127	EG&G INC NEW LONDON CONN PANAMA CITY FLORIDA ROCKVILLE MARYLAND SALEM MASS WELLESLEY MASS ALBUQUERQUE NEW MEXICO MANASSAS VIRGINIA	10,379 * 268 230 7,716 775 355 885 150
113	QUESTECH INC SUNNYVALE CALIFORNIA DAYTON OHIO LANSDALE PENN MCLEAN VIRGINIA WARRENTON VIRGINIA	S 12,470 * 54 1,138 202 8,923 2,159	128	NICHOLS RESEARCH CORP INC HUNTSVILLE ALABAMA	S 10,108 * 10,108
115	INTERMETRICS INC HUNTINGTON BEA CALIFORNIA NEW LONDON NAV CONN BETHESDA MARYLAND CAMBRIDGE MASS WARMINSTER PENN	S 12,060 * 480 65 3,221 6,642 1,652	129	SONICRAFT INC CHICAGO ILLINOIS	S 9,972 * 9,972
116	BALL CORPORATION BOULDER COLORADO	12,050 * 12,050	130	SOFTECH INC WALTHAM MASS DAYTON OHIO FAIRBORN OHIO WRIGHT PATTERS OHIO ARLINGTON TEXAS	S 9,936 * 6,620 126 945 1,960 285
117	MISSION RESEARCH CORPORATION SAN DIEGO CALIFORNIA SANTA BARBARA CALIFORNIA COLORADO SPRIN COLORADO WASHINGTON DIST COL ALBUQUERQUE NEW MEXICO	S 12,048 * 237 7,509 1,063 85 3,154	135	PAR TECHNOLOGY CORPORATION INGLEWOOD CALIFORNIA COLORADO SPRIN COLORADO HARTFORD NEW YORK NEW HARTFORD NEW YORK NEW YORK NEW YORK MCLEAN VIRGINIA	S 9,462 * 44 99 38 8,779 160 342
118	S-CUBED PLACENTIA CALIFORNIA SAN DIEGO CALIFORNIA ALBUQUERQUE NEW MEXICO RESTON VIRGINIA	S 11,777 * 249 11,022 476 30	136	HRB-SINGER INC LANHAM MARYLAND STATE COLLEGE PENN	9,156 * 179 8,977
			137	INCO INC COLORADO SPRIN COLORADO DAYTON OHIO MCLEAN VIRGINIA MARTINSVILLE VIRGINIA	S 8,850 * 6,570 440 1,737 103

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(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
138	ANALYTICS INCORPORATED BLOOMINGTON INDIANA OCEANPORT NEW JERSEY TINTON FALLS NEW JERSEY WILLOW GROVE PENN MCLEAN VIRGINIA	S 8,596 * 49 2,271 743 2,201 3,326	155	GTE CORPORATION MOUNTAIN VIEW CALIFORNIA NEEDHAM MASS WESTBOROUGH MASS	7,197 * 1,199 5,753 245
139	M.A. COM LINKABIT INC SAN DIEGO CALIFORNIA MCLEAN VIRGINIA	8,423 * 6,393 2,030	156	SYSTEM PLANNING CORPORATION ARLINGTON VIRGINIA	S 7,132 * 7,132
140	CUMMINS ENGINE COMPANY INC COLUMBUS INDIANA	8,342 * 8,342	157	INGERSOLL RAND COMPANY INC PRINCETON NEW JERSEY MOCKSVILLE N CAROLINA	7,067 * 67 7,000
141	BENDIX FIELD ENGINEERING CORP COLUMBIA MARYLAND LAS VEGAS NEVADA ALBUQUERQUE NEW MEXICO	8,317 * 6,716 1,566 35	158	DEL REY SYSTEMS INC FREDERICK DELAWARE	7,036 * 7,036
142	U T L CORPORATION DALLAS TEXAS	S 8,313 * 8,313	160	ITT AVIONICS TECHNOLOGY MUTLEY NEW JERSEY	6,975 * 6,975
143	PACIFIC SIERRA RESEARCH CORP LOS ANGELES CALIFORNIA SAN DIEGO CALIFORNIA SANTA MONICA CALIFORNIA WHITE SANDS MI NEW MEXICO ARLINGTON VIRGINIA	S 8,224 * 7,606 52 75 210 281	161	DYNATECS INC HUNTSVILLE ALABAMA	S 6,700 * 6,700
144	STANFORD TELE INC SANTA CLARA CALIFORNIA STANFORD CALIFORNIA MCLEAN VIRGINIA	S 8,118 * 8,038 90 50	162	METRIC SYSTEMS CORPORATION FORT WALTON BE FLORIDA	S 6,596 * 6,596
145	BUNKER RAMO/ELTRA CORP AN ALLO LOS ANGELES CALIFORNIA WESTLAKE VILLA CALIFORNIA	8,112 * 61 8,051	163	WESTERN RESEARCH CORPORATION SAN DIEGO CALIFORNIA	S 6,582 * 6,582
146	LEADCO CREDIT UNION SUNNYVALE CALIFORNIA	8,087 * 8,087	164	SARGENT FLETCHER COMPANY EL MONTE CALIFORNIA	8,481 * 8,481
147	ACUREX CORPORATION MOUNTAIN VIEW CALIFORNIA SANTA CRUZ CALIFORNIA	S 8,059 * 8,126 67	165	TELEDYNE CONTINENTAL MOTORS MOBILE ALABAMA	6,400 * 6,400
148	AVCO EVERETT RESEARCH LAB HONOLULU HAWAII MAILI HAWAII PUUNENE HAWAII EVERETT MASS	7,914 * 1,752 1,091 766 4,305	166	UNIVERSAL ENERGY SYSTEMS INC MONTGOMERY ALABAMA DAYTON OHIO MONTGOMERY OHIO WRIGHT PATTERS OHIO	S 6,372 * 79 5,155 163 975
149	COMPTON RESEARCH INC GOLETA CALIFORNIA SAN DIEGO CALIFORNIA BUFFALO NEW YORK ALEXANDRIA VIRGINIA VIRGINIA BEACH VIRGINIA	7,538 * 220 919 1,148 420 4,831	168	GOULD INC WILLIAMS AIR F ARIZONA CONCORD CALIFORNIA EL MONTE CALIFORNIA ROLLING MEADOW ILLINOIS GLEN BURNIE MARYLAND CLEVELAND OHIO	6,340 * 1,499 1,061 1,022 826 980 952
150	PERKIN-ELMER CORPORATION THE POMONA CALIFORNIA DANBURY CONN NORWALK CONN WILTON CONN	7,537 * 1,036 3,735 766 2,000	169	FLOW GENERAL INC HUNTSVILLE ALABAMA SANTA BARBARA CALIFORNIA FORT WALTON BE FLORIDA MCLEAN VIRGINIA	6,328 * 469 4,656 135 1,068
151	PICKER INTERNATIONAL INC HIGHLAND HEIGHTS OHIO	7,519 * 7,519	170	CALIFORNIA RES & TECHNOLOGY LOS ANGELES CALIFORNIA	S 6,288 * 6,288
152	SPARTA INC HUNTSVILLE ALABAMA LAGUNA HILLS CALIFORNIA LEXINGTON MASS MCLEAN VIRGINIA	S 7,395 * 5,865 1,386 100 44	172	DOW CHEMICAL COMPANY THE MIDLAND MICHIGAN	8,262 * 8,262
			173	DYNAMAC INTERNATIONAL ROCKVILLE MARYLAND	S 6,243 * 6,243
			174	AMERICAN TELEPHONE & TELG CO WASHINGTON DIST COL NORTH ANDOVER MASS WHIPPANY NEW JERSEY	6,181 * 57 1,375 4,749
			175	FAIRCHILD WESTON SYSTEMS INC SARASOTA FLORIDA SIESTA KEY FLORIDA SYOSSET NEW YORK	8,176 * 60 1,890 4,228

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176	ADVANCED TECHNOLOGY INC MCLEAN VIRGINIA RESTON VIRGINIA	6,157 * 5,387 770	197	MARQUARDT CO INC LOS ANGELES CALIFORNIA	5,206 * 5,206
177	SCHAFER W J ASSOCIATES INC LOS ANGELES CALIFORNIA WASHINGTON DIST COL WAKEFIELD MASS ARLINGTON VIRGINIA	S 6,149 * 1,320 97 4,086 646	199	DIGITAL EQUIPMENT CORPORATION HUDSON NEW HAMPSH MERRIMACK NEW HAMPSH	5,103 * 461 4,642
178	HORIZONS TECHNOLOGY INC SAN DIEGO CALIFORNIA TORRANCE CALIFORNIA LEXINGTON MASS	S 6,130 * 2,691 375 3,064	202	ASSURANCE TECHNOLOGY CORP CARLISLE MASS	S 5,007 * 5,007
179	SPECTRA RESEARCH SYSTEMS HUNTSVILLE ALABAMA NEWPORT BEACH CALIFORNIA	S 6,083 * 5,766 317	203	PERCEPTONICS INC LOS ANGELES CALIFORNIA MENLO PARK CALIFORNIA	S 5,001 * 4,851 150
181	BEECH ACCEPT CORP INC WICHITA KANSAS	5,870 * 5,870	207	FIGGIE INTERNATIONAL INC MONROVIA CALIFORNIA SIERRA MADRE CALIFORNIA HUNTINGTON NEW YORK HUNTINGTON STA NEW YORK	4,791 * 3,519 34 467 771
182	LEAR SIEGLER INC ONTARIO CALIFORNIA SANTA MONICA CALIFORNIA GRAND RAPIDS MICHIGAN	5,837 * 4,900 714 223	208	SPACE DATA CORPORATION TEMPE ARIZONA	S 4,755 * 4,755
183	GENTEX CORPORATION CARBONDALE PENN	5,832 * 5,832	209	SUPPORT SYSTEMS ASSOCIATES INC NORTHPORT NEW YORK DAYTON OHIO WRIGHT PATTERS OHIO	S 4,699 * 2,166 588 1,945
184	ARES INC PORT CLINTON OHIO	S 5,776 * 5,776	210	ANALYTIX ELECTRONIC SYSTEMS HUDSON NEW HAMPSH	S 4,618 * 4,618
185	D A Q CORPORATION EL SEGUNDO CALIFORNIA	S 5,726 * 5,726	211	SYNOPTIC SYSTEMS CORP FALLS CHURCH VIRGINIA	S 4,612 * 4,612
186	BRUNSWICK CORPORATION COSTA MESA CALIFORNIA DE LAND FLORIDA LINCOLN NEBRASKA WILLARD OHIO MARION VIRGINIA	5,709 * 2,120 2,406 49 43 1,091	213	T S C INC SANTA MONICA CALIFORNIA TRUMBULL CONN WASHINGTON DIST COL SILVER SPRING MARYLAND	S 4,524 * 4,001 373 100 50
188	DYNAMICS RESEARCH CORPORATION WILMINGTON MASS	5,645 * 5,645	215	O R I INC ROCKVILLE MARYLAND SILVER SPRING MARYLAND	4,391 * 388 4,003
190	GILBERT ASSOCIATES INC READING PENN	5,478 * 5,478	216	TECHNOLOGY DEVLPMT CAL NC ARLINGTON TEXAS	S 4,365 * 4,365
191	MARLOW INDUSTRIES INC DALLAS TEXAS	S 5,445 * 5,445	217	SACHS-FREEMAN ASSOCIATES INC WASHINGTON DIST COL BOWIE MARYLAND	S 4,261 * 348 3,913
192	D A T TECHNOLOGIES INC SAN DIEGO CALIFORNIA	5,342 * 5,342	218	EDO CORPORATION NEW YORK NEW YORK	4,259 * 4,259
193	LOUISIANA HUNTSVILLE ALABAMA FORT BLISS TEXAS	S 5,328 * 5,177 151	219	OPTIMETRICS INC WASHINGTON DIST COL ANN ARBOR MICHIGAN WHITE SANDS MI NEW MEXICO	S 4,243 * 50 3,998 195
194	HYDRONIC WOBURN MASS	S 5,276 * 5,276	220	DONALDSON COMPANY INC MINNEAPOLIS MINNESOTA	4,202 * 4,202
195	GENERAL AOM SAN DIEGO CALIFORNIA	5,237 * 5,237	221	HARSCO CORPORATION YORK ICELAND PENN	4,189 * 154 4,035
196	BEH NERVENSON INC ALBUQUERQUE NEW MEXICO MCLEAN VIRGINIA VIRGINIA	5,230 * 100 471 4,438 221	225	GEODYNAMICS CORP SAN A BARBARA CALIFORNIA TORRANCE CALIFORNIA SPRINGFIELD VIRGINIA	S 3,881 * 2,052 195 1,634

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(Continued)**

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228	ODETICS INC ANAHEIM CALIFORNIA	S 3,855 * 3,855	247	TELEPHONICS CORPORATION HUNTINGTON NEW YORK	3,466 * 3,476
229	INFORMATION SYS NETWKS CORP CHEVY CHASE MARYLAND WRIGHT PATTERS OHIO	S 3,807 * 1,867 1,940	248	HAYES INTERNATIONAL CORP BIRMINGHAM ALABAMA LEEDS ALABAMA	3,460 * 3,142 318
230	ANALYTICAL SYS ENGRNG CORP BURLINGTON MASS	S 3,789 * 3,799	249	SYSTEMS CONTROL INC HUNTSVILLE ALABAMA PALO ALTO CALIFORNIA	3,416 * 28 3,388
231	GEO-CENTERS INC WASHINGTON DIST COL SUITLAND-SILVE MARYLAND TEMPLE HILLS MARYLAND NEEDHAM MASS NEWTON MASS WATERTOWN MASS	S 3,783 * 538 1,260 180 646 1,087 72	251	DEFENSE SYSTEMS INC MCLEAN VIRGINIA	S 3,362 * 3,362
232	VITRONICS INC EATONTOWN NEW JERSEY OCEANPORT NEW JERSEY	S 3,758 * 2,050 1,708	253	GTE COMMUNICATION SYSTEMS CORP PHOENIX ARIZONA NEEDHAM MASS WALTHAM MASS	3,298 * 432 2,788 78
234	VERAC INCORPORATED SAN DIEGO CALIFORNIA ALBUQUERQUE NEW MEXICO FAIRBORN OHIO	S 3,716 * 2,523 1,086 107	254	COMMAND CNTRL & COMM CORP HUNTSVILLE ALABAMA REDSTONE ARSEN ALABAMA TORRANCE CALIFORNIA	S 3,265 * 30 31 3,224
235	SEMCOR CORP HUNTSVILLE ALABAMA SAN DIEGO CALIFORNIA MOORESTOWN-LEN NEW JERSEY MOUNT LAUREL NEW JERSEY OCEANPORT NEW JERSEY WALL NEW JERSEY WARMINSTER PENN	S 3,710 * 48 177 857 1,671 49 530 378	255	CHAMBERLAIN MANUFACTURING CORP NILES ILLINOIS WATERLOO IOWA WATERMAN IOWA COCKEYSVILLE MARYLAND	3,280 * 56 2,239 55 930
236	SANTA BARBARA GOLETA CALIFORNIA	3,708 * 3,708	256	INFORMATION DEV APPLICATIONS BELTSVILLE MARYLAND VIRGINIA BEACH VIRGINIA	S 3,272 * 3,174 98
237	WEIDLINGER ASSOCIATES INC MENLO PARK CALIFORNIA PALO ALTO CALIFORNIA SAN DIEGO CALIFORNIA NEW YORK NEW YORK CHESAPEAKE VIRGINIA	S 3,683 * 783 190 183 2,382 145	257	MAC AULAY-BROWN INC FAIRBORN OHIO WRIGHT PATTERS OHIO	S 3,250 * 2,620 630
239	LORAL CORPORATION NEW YORK NEW YORK YONKERS NEW YORK	3,595 * 1,858 1,737	258	SCOPE INCORPORATED RESTON VIRGINIA	S 3,221 * 3,221
241	PLASECKI AIRCRAFT CORP SHARON HILL PENN	S 3,583 * 3,583	259	CALCULON U.S. CORPORATION SHREWSBURY NEW JERSEY PHILADELPHIA PENN	S 3,220 * 2,976 244
242	APPLIED RESEARCH INC HUNTSVILLE ALABAMA	S 3,575 * 3,575	260	VARIAN ASSOCIATES PALO ALTO CALIFORNIA SANTA CLARA CALIFORNIA SAN JOSE CALIFORNIA BEVERLY MASS	3,204 * 2,234 434 56 480
243	SYSTEMS EXPLORATION INC SAN DIEGO CALIFORNIA	S 3,572 * 3,572	261	EARTH TECHNOLOGY CORPORATION LONG BEACH CALIFORNIA SEATTLE WASHINGTON	S 3,189 * 2,640 549
244	SYSCON CORPORATION WASHINGTON DIST COL ALBUQUERQUE NEW MEXICO MIDDLETOWN RHODE ISL THOMAS WASHINGTON	3,517 * 1,676 1,411 350 80	262	SIERRA RESEARCH CORPORATION BUFFALO NEW YORK	3,182 * 3,182
245	P D A ENGINEERING SANTA ANA CALIFORNIA	S 3,508 * 3,508	263	LITTON INDUSTRIES INC TEMPE ARIZONA LOS ANGELES CALIFORNIA SAN CARLOS CALIFORNIA DAVENPORT IOWA MORRIS PLAINS NEW JERSEY WILLIAMSPORT PENN	3,159 * 750 565 130 137 148 1,429
246	ENGINEERING & ECONOMICS RES VIENNA VIRGINIA	S 3,478 * 3,478	264	ENSCO INC INDIAN HARBOUR FLORIDA SPRINGFIELD VIRGINIA	S 3,151 * 2,330 621

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265	MANTECH INTRNTL CORP		3,143 *	293	WATKINS-JOHNSON COMPANY		2,609 *
	SIERRA VISTA	ARIZONA	148		SAN JOSE	CALIFORNIA	1,233
	LOS ANGELES	CALIFORNIA	811		GAITHERSBURG	MARYLAND	1,376
	ANNAPOLIS	MARYLAND	236	295	ADVANCED INF DECSN SYS INC	S	2,583 *
	ROCKVILLE	MARYLAND	55		MOUNTAIN VIEW	CALIFORNIA	2,583
	LIVINGSTON	NEW JERSEY	91	297	XEROX CORPORATION		2,567 *
	DALLAS	TEXAS	1,197		PALO ALTO	CALIFORNIA	504
	ALEXANDRIA	VIRGINIA	520		PASADENA	CALIFORNIA	2,016
	MCLEAN	VIRGINIA	85		WEBSTER	NEW YORK	47
266	SPACE COMMUNICATION COMPANY		3,138 *	298	MC MULLEN JOHN J ASSOCIATES		2,506 *
	GAITHERSBURG	MARYLAND	3,138		NEW YORK	NEW YORK	500
267	COMPUTER CORP AMER		3,135 *		ARLINGTON	VIRGINIA	2,006
	CAMBRIDGE	MASS	3,135	299	FOSTER-MILLER INC	S	2,505 *
268	HADRON INC		3,114 *		WALTHAM	MASS	2,455
	VIENNA	VIRGINIA	3,114		WALTHAM NORTH	MASS	50
271	ALTUS CORPORATION		3,035 *	300	T A D COMMUNICATION		2,500 *
	SAN JOSE	CALIFORNIA	3,035		NUTLEY	NEW JERSEY	2,500
272	ANALYSIS & COMPUTER SYS		3,012 *	301	HANSON R A CO INC	S	2,484 *
	BEDFORD	MASS	168		SPOKANE	WASHINGTON	2,484
	BURLINGTON	MASS	160	302	CONTROL DYNAMICS COMPANY	S	2,449 *
	LOWELL	MASS	2,684		HUNTSVILLE	ALABAMA	2,449
273	EAGLE TECHNOLOGY INC		2,970 *	304	PHYSICAL RESEARCH INC	S	2,416 *
	FULLERTON	CALIFORNIA	1,288		HUNTSVILLE	ALABAMA	435
	ORLANDO	FLORIDA	159		PALO ALTO	CALIFORNIA	300
	EATONTOWN	NEW JERSEY	833		PALOS VERDES E	CALIFORNIA	1,161
	FORT HOOD	TEXAS	78		PALO VERDE	CALIFORNIA	196
	ARLINGTON	VIRGINIA	612		ROLLING HILLS	CALIFORNIA	150
274	BECHTEL NATIONAL INC		2,950 *		SHALIMAR	FLORIDA	174
	SAN FRANCISCO	CALIFORNIA	2,950	306	ATLANTIC ANALYSIS CORPORATION	S	2,397 *
275	DIVERSIFIED DATA CORPORATIO		2,925 *		WASHINGTON	DIST COL	149
	SPRINGFIELD	VIRGINIA	2,925		NORFOLK	VIRGINIA	2,248
276	AUTOMATED SCIENCES GROUP INC		2,916 *	307	ANALYSIS & TECHNOLOGY INC		2,385 *
	MANHATTAN BEAC	CALIFORNIA	1,605		NORTH STONINGT	CONN	474
	SILVER SPRING	MARYLAND	1,311		STONINGTON	CONN	1,557
279	IMPERIAL AVIATION INC		2,855 *		NORFOLK	VIRGINIA	172
	JACKSONVILLE	FLORIDA	500		VIRGINIA BEACH	VIRGINIA	182
	WEST PALM BEAC	FLORIDA	2,355	310	ALLEN CORP OF AMER INC	S	2,343 *
280	SHIP ANALYTICS INC		2,828 *		ORLANDO	FLORIDA	35
	NORTH STONINGT	CONN	1,452		ALEXANDRIA	VIRGINIA	2,308
	ORLANDO	FLORIDA	1,376	312	SPARTON CORPORATION		2,282 *
282	NEW TECHNOLOGY INC		2,790 *		JACKSON	MICHIGAN	2,150
	HUNTSVILLE	ALABAMA	2,790		JACKSON	MISS	132
284	TVI ENERGY CORPORATION		2,724 *	313	TITAN SYSTEMS INC	S	2,215 *
	BELTSVILLE	MARYLAND	2,724		INGLEWOOD	CALIFORNIA	95
285	CACI INC FEDERAL		2,718 *		PLACENTIA	CALIFORNIA	92
	ARLINGTON	VIRGINIA	2,718		SAN DIEGO	CALIFORNIA	343
286	E-BEAM DATA SYSTEMS INC		2,709 *		DAYTON	OHIO	119
	FAIRFIELD	CONN	2,709		MCLEAN	VIRGINIA	917
289	AQUA-CHEM INC		2,681 *		VIENNA	VIRGINIA	649
	MILWAUKEE	WISCONSIN	2,681	314	PROPRIETARY SFTWR SYS INC	S	2,214 *
292	ARGOSYSTEMS		2,641 *		SANTA MONICA	CALIFORNIA	2,214
	LOS ANGELES	CALIFORNIA	59	316	ADVANCED RES/APLTNS CP	S	2,201 *
	SUNNYVALE	CALIFORNIA	2,582		SUNNYVALE	CALIFORNIA	2,201
				317	APPLICATION RESEARCH CORP	S	2,200 *
					DAYTON	OHIO	1,040
					WRIGHT PATTERS	OHIO	1,160

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
319	DYNAMICS TECHNOLOGY TORRANCE CALIFORNIA	S 2,198 * 2,198	345	NUCLEAR METALS INC CONCORD MASS	S 1,971 * 1,971
320	INTERSPEC INC WASHINGTON DIST COL CONSHOHOCKEN PENN	S 2,193 * 118 2,075	346	ARETE ASSOCIATES ENCINO CALIFORNIA	S 1,947 * 1,947
321	ARINC RESEARCH CORPORATION SAN DIEGO CALIFORNIA SANTA ANA CALIFORNIA ANNAPOLIS MARYLAND	2,191 * 387 819 985	348	BETAC CORPORATION ARLINGTON VIRGINIA	S 1,929 * 1,929
323	TEKTRONIX INC GAITHERSBURG MARYLAND BEAVERTON OREGON BLUE BELL PENN	2,160 * 66 2,045 49	349	ADVANCED DIGITAL SYSTEM INC SAN DIEGO CALIFORNIA	S 1,919 * 1,919
325	LOCKHEED ELECTRONICS COMPANY ORLANDO FLORIDA DENVER NEW JERSEY PLAINFIELD NEW JERSEY SAN ANTONIO TEXAS	2,146 * 442 637 862 205	352	MATERIAL CONCEPTS INC COLUMBUS OHIO	S 1,895 * 1,895
326	HUMAN FACTORS RESEARCH GOLETA CALIFORNIA	S 2,136 * 2,136	353	TECHNOV SYSTEMS CORPORATION RED BANK NEW JERSEY ALEXANDRIA VIRGINIA	S 1,694 * 234 1,660
327	HANCOCK/DIKEWOOD SERVICES INC ALBUQUERQUE NEW MEXICO	S 2,125 * 2,125	354	SIGNAL COMPANIES INC THE PHOENIX ARIZONA TORRANCE CALIFORNIA DES PLAINES ILLINOIS	1,871 * 877 934 60
328	PHYSICAL SCIENCES INC ANDOVER MASS BOSTON MASS NORTH ANDOVER MASS WOBURN MASS	S 2,121 * 1,431 157 130 403	355	SIGNAL SCIENCE INC SANTA CLARA CALIFORNIA HANOVER MARYLAND	S 1,869 * 1,794 75
330	ALL-BANN ENTERPRISES INC ANAHEIM CALIFORNIA	S 2,096 * 2,096	357	CONTEL INFORMATION SYSTEMS INC BETHESDA MARYLAND FAIRFAX VIRGINIA	1,857 * 600 1,257
331	COMPUTER SCIENCE APPL INC ARCADIA CALIFORNIA FORT WALTON BE FLORIDA WALTON FLORIDA	S 2,087 * 37 1,706 344	359	ANALYTIC DECISION INCORPORATED ARLINGTON VIRGINIA	S 1,844 * 1,844
332	ELECTRONIC ASSOCIATES INC HUNTSVILLE ALABAMA WEST LONG BRAN NEW JERSEY	S 2,075 * 75 2,000	361	SCI TEC INC PRINCETON GERMANY W NEW JERSEY	S 1,835 * 125 1,710
333	SANTA MONICA BANK WARWICK RHODE ISL FORT WORTH TEXAS	2,071 * 230 1,841	363	ONAN CORPORATION MINNEAPOLIS MINNESOTA	1,812 * 1,812
334	WASHINGTON PATROL SERVICE INC TRUST TERR	S 2,052 * 2,052	364	SCIENTIFIC RSRC ASSOC INC GLASTONBURY CONN ARLINGTON VIRGINIA	S 1,807 * 1,707 100
336	PACER SYSTEMS INC BURLINGTON MASS FORT WASHINGTO PENN	S 2,034 * 848 1,386	365	TCOM CORP COLUMBIA MARYLAND	1,803 * 1,803
339	DELTA RESEARCH INC HUNTSVILLE ALABAMA	S 2,012 * 2,012	366	UNITED STATES DEPARTMENT DEF FULLERTON CALIFORNIA	1,800 * 1,800
340	FIBER MATERIALS INC BIDDEFORD MAINE	S 2,001 * 2,001	367	ROHM AND HAAS COMPANY HUNTSVILLE ALABAMA SPRING HOUSE PENN	1,799 * 356 1,443
341	CINCINNATI ELEC CORP CINCINNATI OHIO	2,000 * 2,000	368	AEROJET ORDINANCE COMPANY TUSTIN CALIFORNIA JONESBORO TENNESSEE	1,796 * 300 1,496
343	ELECTRONIC WARFARE ASSOC SANTA CLARA CALIFORNIA ORLANDO FLORIDA	S 1,973 * 1,873 100	369	I R T CORPORATION SAN DIEGO CALIFORNIA CHICAGO ILLINOIS MCLEAN VIRGINIA	S 1,782 * 1,472 40 270
			370	POLAR RESEARCH LABORATORY INC CARPINTERIA CALIFORNIA SANTA BARBARA CALIFORNIA	S 1,776 * 366 1,410
			371	SCIENTIFIC SYSTEMS INC BOSTON MASS CAMBRIDGE MASS DALLAS TEXAS	S 1,766 * 542 971 253

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
372	CLASSIFIED DOMESTIC	1,750 * 1,750	398	G T E LABORATORIES INC WALTHAM MASS	1,547 * 1,547
373	SYSTEMS PLANNING & ANALYSIS FALLS CHURCH VIRGINIA	S 1,750 * 1,750	400	D B A SYSTEMS INC MELBOURNE FLORIDA FORT KNOX KENTUCKY	S 1,546 * 1,515 31
374	PLANNING SYSTEMS INC MCLEAN VIRGINIA	S 1,746 * 1,746	401	METEOR COMMUNICATIONS CORP KENT WASHINGTON	S 1,538 * 1,538
380	PHYSICAL DYNAMICS INC PLACENTIA CALIFORNIA SAN DIEGO CALIFORNIA ARLINGTON VIRGINIA BELLEVUE WASHINGTON	S 1,706 * 323 674 183 526	402	POLARIS INC HUNTSVILLE ALABAMA ARLINGTON VIRGINIA	S 1,520 * 200 1,320
381	C N R INC NEEDHAM MASS	S 1,692 * 1,692	403	RESEARCH ANALYSIS MNTNCE INC EL PASO TEXAS	S 1,511 * 1,511
382	KETRON INC SAN DIEGO CALIFORNIA BALTIMORE MARYLAND WAYNE PENN ARLINGTON VIRGINIA	S 1,692 * 150 454 236 852	404	AEROJET TECHSYSTEMS SACRAMENTO CALIFORNIA	1,508 * 1,508
383	SUMMIT RESEARCH CORPORATION GAITHERSBURG MARYLAND	S 1,691 * 1,691	405	APPLIED RESEARCH ASSOC INC LANDOVER MARYLAND VICKSBURG MISS ALBUQUERQUE NEW MEXICO RALEIGH N CAROLINA SOUTH ROYALTON VERMONT	S 1,500 * 50 50 197 133 70
384	TECHPLAN CORP MAPLE SHADE NEW JERSEY	S 1,676 * 1,676	406	ENERGY RESEARCH CORPORATION DANBURY CONN	1,493 * 1,493
386	VEDA INCORPORATED POINT MUGU NAV CALIFORNIA POINT MUGU PAC CALIFORNIA DAYTON OHIO SOUTHAMPTON PENN ARLINGTON VIRGINIA	S 1,664 * 40 147 727 195 555	407	GENERAL OFFSHORE CORPORATION SAN JUAN PUERTO RICO FORT LAUDERDAL FLORIDA KEY WEST FLORIDA PORT CANAVERAL FLORIDA	S 1,485 * 168 229 919 169
387	SCIENCE & ENGINEERING ASSOC ANAHEIM CALIFORNIA BOSTON MASS LEXINGTON MASS SALEM MASS ALBUQUERQUE NEW MEXICO MCLEAN VIRGINIA	S 1,644 * 32 186 77 195 1,000 154	408	TRIAD MICROSYSTEMS INC HUNTSVILLE ALABAMA SANTA ANA CALIFORNIA	S 1,480 * 1,355 125
389	DECISIONS AND DESIGNS INC MCLEAN VIRGINIA	S 1,612 * 1,612	409	FLIGHT SYSTEMS INC NEWPORT BEACH CALIFORNIA POINT MUGU NAV CALIFORNIA WHITE SANDS MI NEW MEXICO	1,463 * 1,051 127 285
390	AMPEX CORPORATION REDWOOD CITY CALIFORNIA	1,594 * 1,594	410	C A I DIV OF RECON OPTICAL BARRINGTON ILLINOIS BARRINGTON HIG ILLINOIS	1,462 * 1,412 50
391	BELL AEROSPACE TEXTRON BUFFALO NEW YORK NIAGARA FALLS NEW YORK	1,591 * 1,114 477	411	TELEDYNE ENERGY SYSTEMS LUTHERVILLE-TI MARYLAND	1,456 * 1,456
392	THIokol CORPORATION HUNTSVILLE ALABAMA ELKTON MARYLAND BRIGHAM CITY UTAH	1,581 * 1,218 108 471	413	INTERNATIONAL SIGNAL & CONTRL LANCASTER PENN	S 1,449 * 1,449
393	XONTECH INC LOS ANGELES CALIFORNIA	S 1,573 * 1,573	414	FLOW INDUSTRIES INC KENT WASHINGTON	S 1,437 * 1,437
395	KARAGOZIAN & CASE LOS ANGELES CALIFORNIA	S 1,557 * 1,557	415	MARK RESOURCES INC SANTA MONICA CALIFORNIA	S 1,437 * 1,437
396	CORVUS SYSTEMS INC VIENNA VIRGINIA	S 1,551 * 1,551	417	H H AEROSPACE DESIGN CO BEDFORD MASS	S 1,432 * 1,432
397	OCEAN TECHNOLOGY INC BURBANK CALIFORNIA	1,546 * 1,546	418	TECHNOLOGY INCORPORATED DAYTON OHIO SAN ANTONIO TEXAS	S 1,431 * 367 1,064
			419	AERODYNE RESEARCH INC BEDFORD MASS BILLERICA MASS	S 1,430 * 100 1,330

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Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Continued)

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
420	INTEGRATED SYSTEMS ANALYSTS SAN DIEGO CALIFORNIA ARLINGTON VIRGINIA	S 1,413 * 379 1,034	441	WESTRELL INSTITUTE LOS ALTOS CALIFORNIA PALO ALTO CALIFORNIA	S 1,293 * 957 336
421	FIRST ANN ARBOR CORPORATION ANN ARBOR MICHIGAN	S 1,407 * 1,407	442	PULSE SCIENCES INC OAKLAND CALIFORNIA SAN LEANDRO CALIFORNIA	S 1,272 * 49 1,223
422	VSE CORPORATION CAMARILLO CALIFORNIA OKNARD CALIFORNIA ALEXANDRIA VIRGINIA	1,406 * 316 204 884	443	AUTOMETRIC INC FALLS CHURCH VIRGINIA	S 1,270 * 1,270
423	AMERICAN ELECTRONIC LABS LANSDALE PENN MONTGOMERYVILLE PENN	1,397 * 1,347 50	446	ALPHA TECH INC BURLINGTON MASS	S 1,246 * 1,246
424	GULF & WESTERN INDUSTRIES INC ANAHEIM CALIFORNIA SWARTHMORE PENN	1,397 * 156 1,239	448	PEL INCORPORATED BOXTON BRANCH FLORIDA	S 1,228 * 1,228
425	TERRA TEK INC REDONDO BEACH CALIFORNIA SALT LAKE CITY UTAH	S 1,384 * 368 1,016	449	NEWPORT NEWS SHIPBUILD NEWPORT NEWS VIRGINIA	1,220 * 220
426	COMPUTER SYSTEMS MANAGEMENT ARLINGTON VIRGINIA	S 1,383 * 1,383	450	PACIFICA TECHNOLOGY DEL MAR CALIFORNIA SAN DIEGO CALIFORNIA	S 1,212 * 1,000 212
427	BERKELEY RESEARCH ASSOC BERKELEY CALIFORNIA WASHINGTON DIST COL NORFOLK VIRGINIA SPRINGFIELD VIRGINIA	S 1,377 * 736 70 217 354	451	KOHLER CO KOHLER WISCONSIN	1,209 * 1,209
430	CLIN CORPORATION NEW HAVEN CONN EAST ALTON ILLINOIS	1,352 * 30 1,322	452	E I C LABORATORY INC NEWTON MASS NORWOOD MASS	S 1,208 * 878 330
431	SPECTRON DEVELOPMENT LABS COSTA MESA CALIFORNIA ALBUQUERQUE NEW MEXICO	S 1,345 * 1,024 321	453	APPLIED TECHNOLOGY ASSOCIATES ALBUQUERQUE NEW MEXICO KIRTLAND AIR F NEW MEXICO	S 1,196 * 605 591
432	VISIDYNE INC BURLINGTON MASS	S 1,332 * 1,332	454	ADAPTIVE OPTICS ASSOCIATES INC CAMBRIDGE MASS	S 1,195 * 1,195
433	E C CORPORATION THE FORT KNOX TRUST TERR KENTUCKY	S 1,327 * 200 1,127	457	SOFTWARE TECHNOLOGY INC MELBOURNE FLORIDA	S 1,187 * 1,187
435	FRIED D L ASSOCIATES INC PLACENTIA CALIFORNIA	S 1,319 * 1,319	458	ANALYTICAL ASSESSMENTS CORP LOS ANGELES CALIFORNIA MARINA DEL RAY CALIFORNIA	S 1,180 * 900 280
436	LOCKHEED ENGRG & MGT SVS CO DUGWAY UTAH DUGWAY PROVING UTAH	1,309 * 767 542	459	KEYSTONE COMPUTER ASSOC INC FORT WASHINGTO PENN WARMINSTER PENN	S 1,177 * 949 228
437	COMCON INC CINNAMINSON NEW JERSEY RED BANK NEW JERSEY	S 1,306 * 676 632	460	ROSENBAUM HAROLD ASSOCIATES BURLINGTON MASS ARLINGTON VIRGINIA	S 1,169 * 1,109 60
438	CANYON RESEARCH INC THOUSAND OAKS CALIFORNIA WESTLAKE VILLA CALIFORNIA	S 1,306 * 32 1,274	461	MINE SAFETY APPLIANCES CO EVANS CITY PENN MURRYSVILLE PENN	1,166 * 243 923
439	BEDFORD RESEARCH ASSOCIATES BEDFORD MASS HANSCOM AIR FO MASS	S 1,299 * 879 420	462	MAXIMA CORPORATION THE BETHESDA MARYLAND SAN ANTONIO TEXAS	S 1,163 * 140 1,023
440	SYNECTICS CORP FAIRFAX VIRGINIA	S 1,295 * 1,295	463	C3CM TEST ENGR CONSORTIUM ALBUQUERQUE NEW MEXICO	1,150 * 1,150
			464	TOYON RESEARCH CORP GOLETA CALIFORNIA	S 1,145 * 1,145
			465	SCIPAR INCORPORATED BUFFALO NEW YORK	S 1,127 * 1,127

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1984  
(Concluded)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
467	ECLECTECH ASSOCIATES NORTH STONINGT CONN	1,116 * 1,116	495	ANDRULIS RESEARCH CORP BETHESDA MARYLAND	S 982 * 982
469	B-K DYNAMICS INC SAN DIEGO CALIFORNIA ROCKVILLE MARYLAND	S 1,094 * 23 1,071	496	ANAMET LABS INC SAN CARLOS CALIFORNIA KIRTLAND AIR F NEW MEXICO WRIGHT PATTERS OHIO	S 978 * 40 100 838
470	HELIONETICS INC SAN DIEGO CALIFORNIA	S 1,094 * 1,094	497	ADAPTIVE SENSORS INC SANTA MONICA CALIFORNIA	S 976 * 976
471	ORLANDO TECHNOLOGY INC ORLANDO FLORIDA SHALIMAR FLORIDA	S 1,087 * 763 324	498	TEXAS MEDICAL INSTRUMENTS INC SCHERTZ TEXAS	S 974 * 974
473	RADIAN CORPORATION AUSTIN TEXAS	1,072 * 1,072			15,852,587
474	SYSTEMATICS GENERAL CORP WALL NEW JERSEY STERLING VIRGINIA	S 1,055 * 35 1,020			
477	SIPPICAN OCEAN SYSTEMS INC MARION MASS	S 1,050 * 1,050			
478	ALPHA INDUSTRIES INC WOBURN MASS	1,045 * 1,045			
479	DAYRON CORPORATION ORLANDO FLORIDA	S 1,038 * 1,038			
481	DELEX SYSTEMS INC VIENNA VIRGINIA	S 1,035 * 1,035			
482	RAVEN INC SPRINGFIELD VIRGINIA	S 1,032 * 1,032			
484	GARD INC NILES ILLINOIS	1,026 * 1,026			
485	WAGNER DANIEL H ASSOCIATES PAOLI PENN	S 1,022 * 1,022			
486	PHOTON RESEARCH ASSOCIATES INC PLACENTIA CALIFORNIA SAN DIEGO CALIFORNIA	S 1,021 * 420 601			
487	AEROMET INC JENKS OKLAHOMA TULSA OKLAHOMA	S 1,019 * 913 106			
488	INTERGRAPH CORPORATION HUNTSVILLE ALABAMA	1,017 * 1,017			
489	I M R FORT LEAVENWOR KANSAS	S 1,006 * 1,006			
490	INFOTRON SYSTEMS CORPORATION VIENNA VIRGINIA	S 1,001 * 1,001			
491	MARINETTE MARINE CORP MARINETTE WISCONSIN	S 1,000 * 1,000			
492	THINKING MACHINE CORP CAMBRIDGE MASS	S 1,000 * 1,000			
493	AQBABIAN ASSOCIATES EL SEGUNDO CALIFORNIA	S 998 * 998			
494	INFORMATION SYS & NET DAYTON OHIO SAN ANTONIO TEXAS	S 994 * 572 422			

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Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1984

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
15	AEROSPACE CORPORATION THE EL SEGUNDO CALIFORNIA ORANGE CALIFORNIA	273,409 * 271,900 1,509	76	GEORGIA TECH RESEARCH CORP ATLANTA GEORGIA HOLLOMAN AIR F NEW MEXICO	25,378 * 25,313 65
16	JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND LAUREL MARYLAND	272,814 * 2,798 270,016	81	INSTITUTE FOR DEF ANALYSES ALEXANDRIA VIRGINIA	23,629 * 23,629
17	DRAPER CHARLES STARK LAB CAMBRIDGE MASS	267,178 * 267,178	83	HUDSON INSTITUTE INC CROTON-ON-HUDS NEW YORK HUDSON NEW YORK	22,839 * 22,715 124
18	MASSACHUSETTS INSTITUTE TECH CAMBRIDGE MASS LEXINGTON MASS LOWELL MASS	260,882 * 31,014 229,838 30	85	BATTELIE MEMORIAL INSTITUTE HUNTSVILLE ALABAMA REDSTONE ARSEN ALABAMA LOS ANGELES CALIFORNIA MENLO PARK CALIFORNIA ORANGE CALIFORNIA PLACENTIA CALIFORNIA SAN DIEGO CALIFORNIA SAN RAFAEL CALIFORNIA BOULDER COLORADO ORLANDO FLORIDA ATLANTA GEORGIA FORT GORDON GEORGIA CHAMPAIGN ILLINOIS CHICAGO ILLINOIS WEST LAFAYETTE INDIANA MANHATTAN KANSAS ABERDEEN PROVI MARYLAND BURLINGTON MASS CAMBRIDGE MASS NATICK MASS WILMINGTON MASS WOBBURN MASS ANN ARBOR MICHIGAN ST. PAUL MINNESOTA DOVER NEW JERSEY CROTON-ON-HUDS NEW YORK DURHAM N CAROLINA RESEARCH TRIAN N CAROLINA CLEVELAND OHIO COLUMBUS OHIO CORVALLIS OREGON KING OF PRUSS PENN PHILADELPHIA PENN WARMINSTER PENN CHARLESTON S CAROLINA DENTON TEXAS SAN ANTONIO TEXAS DUGWAY UTAH ALEXANDRIA VIRGINIA ARLINGTON VIRGINIA BAILEYS CROSSR VIRGINIA FAIRFAX VIRGINIA FORT BELVOIR VIRGINIA HAMPTON VIRGINIA MCLEAN VIRGINIA RICHLAND WASHINGTON SEATTLE WASHINGTON	22,388 * 220 54 28 95 27 69 109 52 39 74 108 26 39 90 27 363 846 37 68 102 42 48 30 78 302 40 77 548 28 16,396 61 60 38 83 32 57 221 70 255 56 73 64 27 49 199 911 70
21	MITRE CORPORATION THE BEDFORD MASS MCLEAN VIRGINIA	238,367 * 237,845 522	89	UNIVERSITY OF NEW MEXICO THE ALBUQUERQUE NEW MEXICO KIRTLAND AIR F NEW MEXICO	20,504 * 1,645 18,859
58	UNIVERSITY OF CAL SYS WIDE ADM BERKELEY CALIFORNIA DAVIS CALIFORNIA IRVINE CALIFORNIA ISLA VISTA CALIFORNIA LOS ALTOS CALIFORNIA LOS ANGELES CALIFORNIA PLACENTIA CALIFORNIA RIVERSIDE CALIFORNIA SAN DIEGO CALIFORNIA SAN FRANCISCO CALIFORNIA SANTA BARBARA CALIFORNIA SANTA CRUZ CALIFORNIA WRIGHT PATTERS OHIO	44,631 * 10,638 440 1,994 96 116 5,764 13,437 287 3,209 1,532 2,335 254 4,529	93	PENNSYLVANIA STATE UNIVERSITY WORCESTER MASS HERSHEY PENN STATE COLLEGE PENN	18,913 * 57 244 18,612
59	SRI INTERNATIONAL MENLO PARK CALIFORNIA	44,031 * 44,031	94	UNIVERSITY OF WASHINGTON SEATTLE WASHINGTON	18,114 * 18,114
62	ILLINOIS RESEARCH INSTITUTE CHICAGO ILLINOIS ANNAPOLIS MARYLAND LANHAM MARYLAND ROME NEW YORK	42,476 * 38,615 3,767 51 43			
65	UNIVERSITY OF TEXAS SYSTEM ARLINGTON TEXAS AUSTIN TEXAS EL PASO TEXAS GALVESTON TEXAS HOUSTON TEXAS RICHARDSON TEXAS SAN ANTONIO TEXAS	36,983 * 258 34,888 93 265 252 743 484			
71	RAND CORPORATION THE LOS ANGELES CALIFORNIA SANTA MONICA CALIFORNIA	28,888 * 18,563 10,325			
73	STANFORD LELAND JR UNIVERSITY LOS ANGELES CALIFORNIA MENLO PARK CALIFORNIA PALO ALTO CALIFORNIA SANTA CLARA CALIFORNIA STANFORD CALIFORNIA STANFORD UNIVE CALIFORNIA	27,926 * 1,695 889 1,868 50 23,004 420			
75	UNIVERSITY OF SOUTHERN CAL MARBLE FALLS ARKANSAS LOS ALTOS CALIFORNIA LOS ANGELES CALIFORNIA	26,140 * 300 148 25,892			

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• Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1984  
(Continued)

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
101	UNIVERSITY OF DAYTON WILLIAMS AIR F EDWARDS AIR FO DAYTON WRIGHT PATTERS	16,688 * 3,186 416 10,107 2,979	201	SOUTHEASTERN CT ELCT ENGR ED AURANTIA SAINT CLOUD BEDFORD BUFFALO ROME	5,030 * 100 4,788 47 60 35
102	WOODS HOLE OCEANOGRAPHIC INSTN WOODS HOLE	16,013 * 16,013	204	YALE UNIVERSITY NEW HAVEN	4,950 * 4,950
107	ANALYTIC SERVICES INC ARLINGTON	15,133 * 15,133	205	UNIVERSITY OF MICHIGAN ANN ARBOR	4,859 * 4,859
114	NEW MEXICO STATE UNIVERSITY LAS CRUCES WHITE SANDS M:	12,339 * 6,880 5,459	206	RIVERSIDE RESEARCH INSTITUTE HUNTSVILLE BEDFORD NEW YORK	4,827 * 288 205 4,334
121	UNIVERSITY OF ILLINOIS CHAMPAIGN CHICAGO URBANA	10,922 * 3,621 1,766 5,535	212	UNIVERSITY OF FLORIDA GAINESVILLE	4,536 * 4,536
131	SOUTHWEST RESEARCH INSTITUTE DALLAS SAN ANTONIO	9,876 * 45 9,831	214	HUMAN RESOURCES RES ORGANIZTN ALEXANDRIA	4,504 * 4,504
132	CARNEGIE MELLON UNIVERSITY PITTSBURGH	9,701 * 9,701	222	SOUTHERN RESEARCH INSTITUTE BIRMINGHAM WATERTOWN	4,069 * 4,024 45
133	UTAH STATE UNIVERSITY LOGAN SALT LAKE CITY	9,548 * 9,266 282	223	WASHINGTON BOOKER T FOUNDATIN WASHINGTON	3,968 * 3,968
134	ENVIRONMENTAL RES INST MICH ANN ARBOR	9,508 * 9,508	224	OHIO STATE UNIV RES FND COLUMBUS	3,910 * 3,910
149	NATIONAL ACADEMY OF SCIENCES WASHINGTON WARMINSTER	7,789 * 7,659 130	226	BOSTON UNIVERSITY TRUSTEES BOSTON HANSON	3,868 * 3,798 70
150	OREGON GRADUATE CNTR RESRCH BEAVERTON	7,591 * 7,591	227	HARVARD UNIVERSITY CAMBRIDGE	3,857 * 3,857
159	UNIVERSITY OF MARYLAND INC BALTIMORE COLLEGE PARK	7,016 * 808 6,208	233	UNIVERSITY OF UTAH SALT LAKE CITY	3,729 * 3,729
165	COLUMBIA UNIVERSITY WASHINGTON NEW YORK PALISADES	6,447 * 410 5,564 473	238	MASSACHUSETTS UNIVERSITY OF AMHERST WORCESTER	3,675 * 3,185 489
171	OREGON STATE UNIVERSITY CORVALLIS	6,283 * 6,283	240	UNIVERSITY OF MIAMI INC CORAL GABLES MIAMI	3,591 * 2,356 1,235
180	CORNELL UNIVERSITY ITHACA NEW YORK	5,900 * 5,428 472	250	VIRGINIA PLYTCHNC INST, ST UNIV BLACKSBURG	3,411 * 3,411
187	CALIFORNIA INST PASADENA	5,709 * 5,709	252	PURDUE UNIVERSITY LAFAYETTE WEST LAFAYETTE	3,307 * 948 2,359
189	UNIVERSITY OF WISCONSIN SYSTEM MADISON MILWAUKEE	5,594 * 5,471 123	269	SYRACUSE RESEARCH CORP SYRACUSE	3,114 * 3,114
198	UNIVERSITY OF PENNSYLVANIA PHILADELPHIA STATE COLLEGE	5,163 * 5,121 42	270	RENSSELAER PLYTCHNC INS TROY	3,101 * 3,101
200	RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK PISCATAWAY PISCATAWAYTOWN	5,053 * 771 4,232 50	277	PRINCETON UNIVERSITY MONMOUTH JUNCT PRINCETON	2,904 * 296 2,608
			278	OKLAHOMA STATE UNIV AP SC EOLIN AIR FORC STILLWATER	2,877 * 1,875 1,002

• \* MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1984  
(Continued)**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
281	NEW MEXICO INST MINING & TECH SOCORRO NEW MEXICO	2,816 * 2,816	342	NEW YORK UNIVERSITY ITHACA NEW YORK NEW YORK NEW YORK	1,999 * 100 1,699
283	UNIVERSITY OF ARIZONA TEMPE ARIZONA TUCSON ARIZONA	2,757 * 70 2,687	344	STEVENS INSTITUTE TECHNOLOGY HOBOKEN NEW JERSEY	1,973 * 1,973
287	GEORGE WASHINGTON UNVRSTY THE WASHINGTON DIST COL	2,703 * 2,703	347	GEORGETOWN UNIVERSITY WASHINGTON DIST COL	1,946 * 1,946
288	NORTH CAROLINA STATE UNIV RALEIGH N CAROLINA	2,700 * 2,700	350	LEHIGH UNIVERSITY BETHLEHEM PENN SAYBROOK PENN	1,916 * 1,458 458
290	CASE WSTRN RSRV UNVRSTY CLEVELAND OHIO PITTSBURGH PENN	2,666 * 2,503 163	351	UNIVERSITY OF PGH COMMON PITTSBURGH PENN	1,914 * 1,914
291	UNIVERSITY OF RHODE ISLAND KINGSTON RHODE ISL	2,647 * 2,647	356	RESEARCH FNDTN ST UNIV OF N ALBANY NEW YORK BUFFALO NEW YORK STONY BROOK NEW YORK	1,860 * 1,240 315 305
294	WASHINGTON UNIVERSITY ST LOUIS MISSOURI	2,595 * 2,595	358	TRUSTEES COLUMBIA UNVRSTY NEW YORK NEW YORK	1,851 * 1,851
296	SALK INSTITUTE SAN DIEGO CALIFORNIA SWIFTWATER PENN	2,580 * 105 2,475	360	MICHIGAN STATE UNIVERSITY EAST LANSING MICHIGAN LANSING MICHIGAN	1,838 * 1,783 55
303	STANFORD UNIVERSTIY STANFORD CALIFORNIA	2,433 * 2,433	362	GEORGIA INSTITUTE TECHNOLOGY ATLANTA GEORGIA	1,824 * 1,824
305	RESEARCH TRIANGLE INSTITUTE RESEARCH TRIAN N CAROLINA RALEIGH N CAROLINA	2,402 * 2,323 79	375	COLORADO STATE UNIVERSITY FORT COLLINS COLORADO	1,745 * 1,745
309	BROWN UNIV PRV ST RI PLAN HANOVER PENN PROVIDENCE RHODE ISL	2,352 * 106 2,246	376	POLYTECHNIC INSTITUTE OF NY BROOKLYN NEW YORK FARMINGDALE NEW YORK NEW YORK NEW YORK	1,737 * 500 131 1,106
311	UNIVERSITY OF COLORADO BOULDER COLORADO COLORADO SPRIN COLORADO DENVER COLORADO	2,338 * 1,837 275 226	377	EMMANUEL COLLEGE BOSTON MASS HANSCOM AIR FO MASS LEXINGTON MASS	1,730 * 849 371 510
315	UNIVERSITY OF MINNESOTA MINNEAPOLIS MINNESOTA ST PAUL MINNESOTA ST PAUL MISSOURI	2,214 * 792 1,391 31	378	FLORIDA STATE UNIVERSITY TALLAHASSEE FLORIDA	1,729 * 1,729
318	NORTHEASTERN UNVSTY CORP BOSTON MASS	2,200 * 2,200	379	ARMOUR PHARMACEUTICAL COMPANY CHICAGO ILLINOIS	1,711 * 1,711
322	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL N CAROLINA	2,166 * 2,166	385	BATTELLE-COLUMBUS LABORATORS COLUMBUS OHIO	1,671 * 1,671
324	TEXAS A & M RESEARCH FDN COLLEGE STATIO TEXAS	2,147 * 2,147	388	DUKE UNIVERSITY BEAUFORT N CAROLINA DURHAM N CAROLINA	1,627 * 36 1,591
329	BOSTON COLLEGE TRUSTEES OF BOSTON MASS CAMBRIDGE MASS HANSCOM AIR FO MASS NEWTON MASS	2,112 * 202 53- 335 1,628	394	UNIVERSITY OF ALABAMA BIRMINGHAM ALABAMA HUNTSVILLE ALABAMA TUSKEGEE ALABAMA	1,559 * 472 702 385
335	UNIVERSITY OF ROCHESTER ROCHESTER NEW YORK	2,036 * 2,036	399	NORTHWESTERN UNIVERSITY EVANSTON ILLINOIS	1,547 * 1,547
337	UNIVERSITY OF IOWA INC THE IOWA CITY IOWA	2,029 * 2,028	412	OHIO STATE UNIVERSITY THE COLUMBUS OHIO	1,451 * 1,451
338	UNIVERSITY OF HAWAII HONOLULU HAWAII	2,016 * 2,016	416	LA JOLLA INSTITUTE PLACENTIA CALIFORNIA SAN DIEGO CALIFORNIA ROCKVILLE MARYLAND	1,434 * 242 1,075 117

\* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)



Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1984  
(Concluded)

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
428	WENTWORTH INST TECHNOLOGY BOSTON MASS	1,371 *			
		1,371			
434	WASHINGTON STATE UNIV BETHESDA MARYLAND PULLMAN WASHINGTON SEATTLE WASHINGTON	1,320 * 62 797 461			
444	UNIVERSITY OF MISSOURI COLUMBIA MISSOURI	1,269 * 1,269			
445	MICHIGAN TECHNOLOGICAL UNIV HORTON BAY MICHIGAN MCUGHTON MICHIGAN	1,253 * 84 1,169			
447	LOUISIANA ST UNV AGR MH CL SY BATON ROUGE LOUISIANA NEW ORLEANS LOUISIANA	1,228 * 1,191 37			
455	AMERICAN UNIVERSITY WASHINGTON DIST COL	1,192 * 1,192			
456	AMERICAN SOC FO ENGRG EDUCN WASHINGTON DIST COL	1,190 * 1,190			
466	COLORADO SEMINARY DENVER COLORADO	1,117 * 1,117			
468	AUBURN UNIVERSITY AUBURN ALABAMA	1,115 * 1,115			
472	COLORADO SCHOOL OF MINES GOLDEN COLORADO IDAHO SPRINGS COLORADO	1,083 * 936 147			
475	ARIZONA STATE UNIV TEMPE ARIZONA TUCSON ARIZONA	1,053 * 1,008 45			
480	AGOURON INSTITUTE PLACENTIA CALIFORNIA	1,036 * 1,036			
483	GREXEL UNIVERSITY INC PHILADELPHIA PENN	1,031 * 1,031			
499	MAYO FOUNDATION ROCHESTER MINNESOTA	971 * 971			
		2,065,049			

\* MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

Table 4. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Foreign Contractors: FY 1984

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
88	CANADIAN COMMERCIAL CORPORATN CANADA	20,608 * 20,608			
476	ISRAEL MILITARY INDUSTRIES ISRAEL	1,050 * 1,050			
		21,658			

- \* MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 5. Net Value of DOD Prime Contract Awards Over \$25 000  
for RDT&E to U.S. Government Agencies: FY 1984**

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
109	NATIONAL AERONAUTIC ASSN USA WASHINGTON DIST COL	14,400 * 14,400			
308	U S DEPARTMENT OF COMMERCE	2,358 *			
	BOULDER COLORADO	858			
	WASHINGTON DIST COL	1,294			
	GAITHERSBURG MARYLAND	100			
	ROCKVILLE MARYLAND	50			
	SEATTLE WASHINGTON	56			
429	UNITED STATES DEPT ENERGY	1,355 *			
	OAKLAND CALIFORNIA	381			
	IDAHO FALLS IDAHO	68			
	ARGONNE ILLINOIS	60			
	ALBUQUERQUE NEW MEXICO	390			
	LOS ALAMOS NEW MEXICO	100			
	OAK RIDGE TENNESSEE	356			
500	NATIONAL SCIENCE FOUNDATION	969 *			
	WASHINGTON DIST COL	969			
		19,082			

- \* MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

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